

FIG 1A

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20220715065001

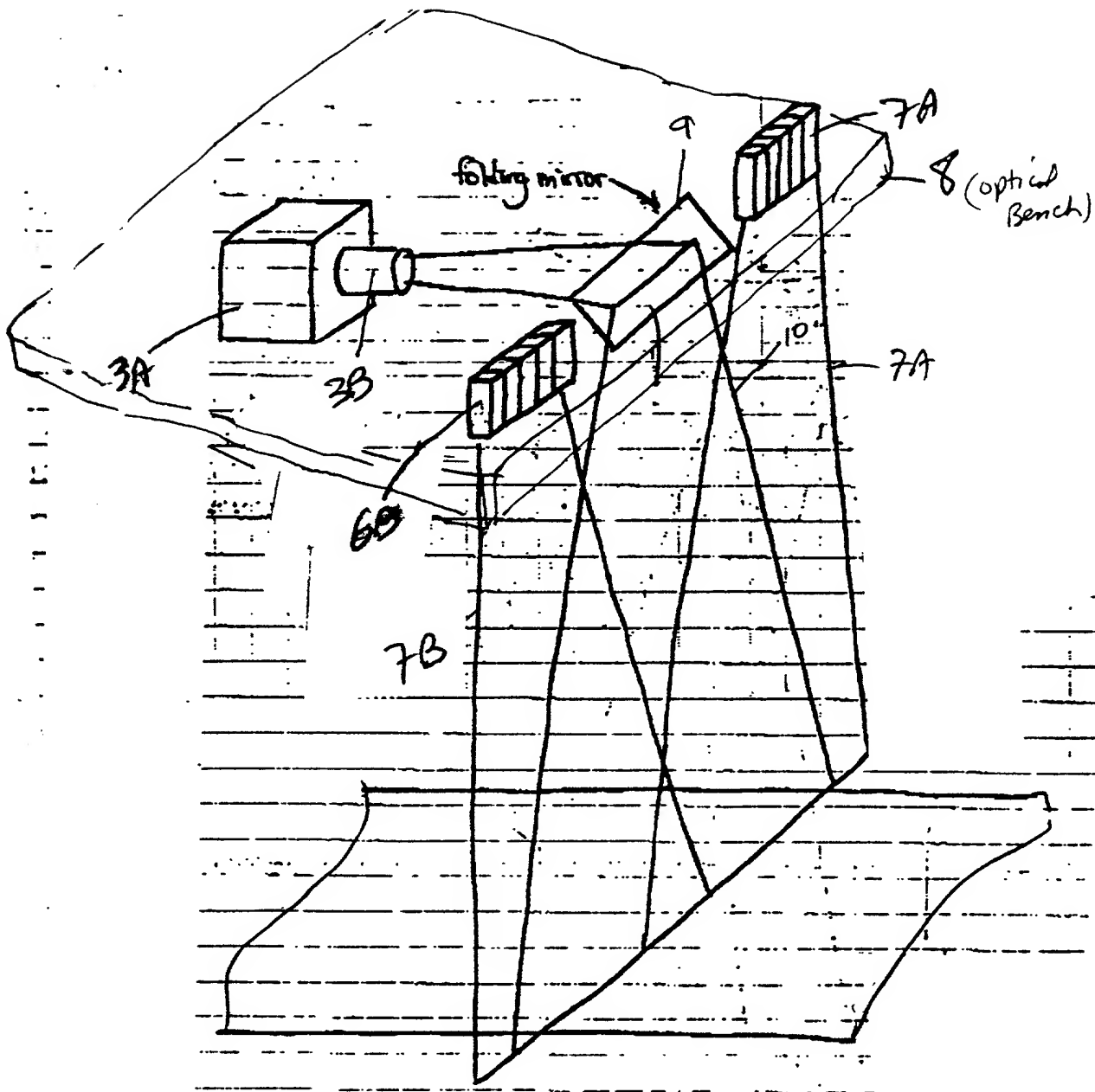


FIG. 1B1

↑
1A

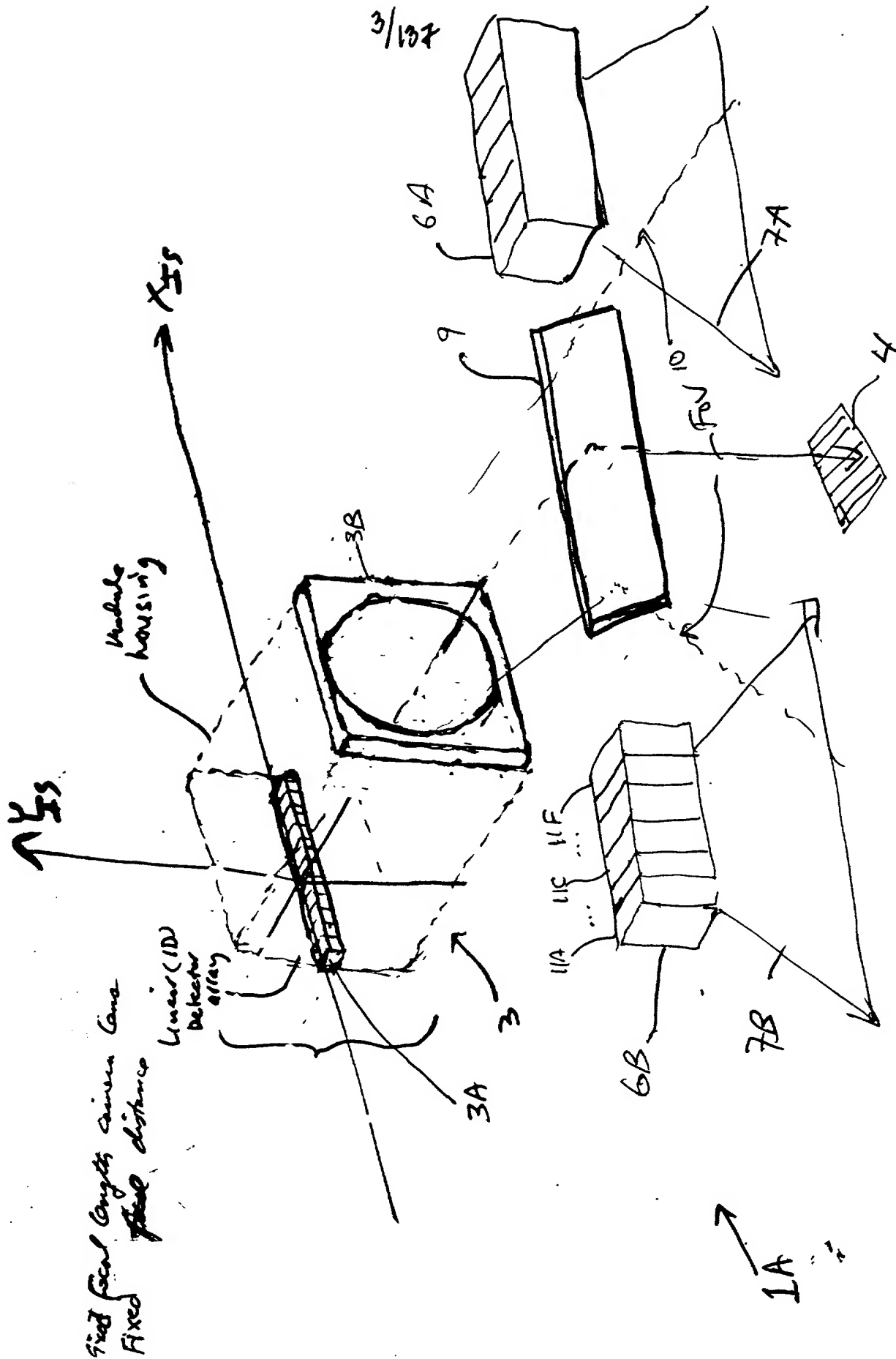


FIG. 1B2

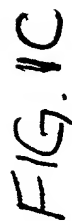


FIG. 1D

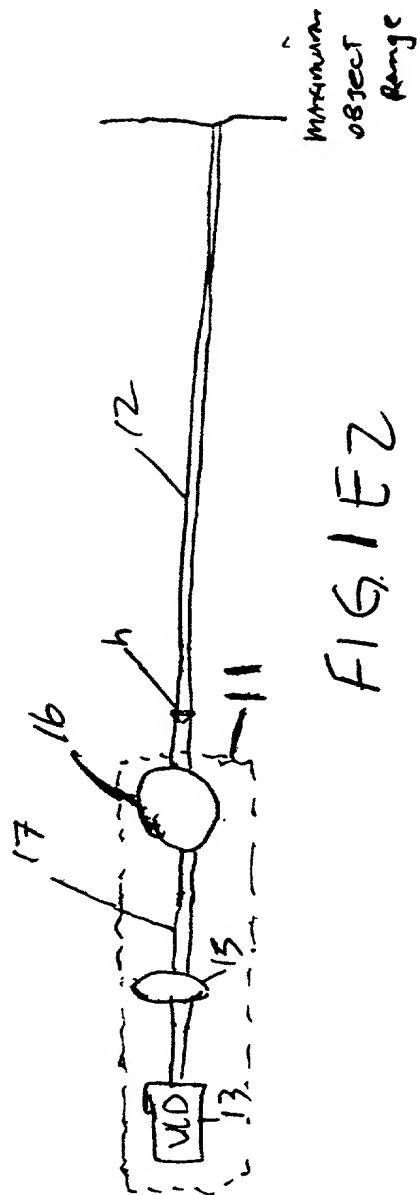


FIG 1FZ

maximum
object
range

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Fixed focal length 1/1.1 sec

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IFPM
Subimage

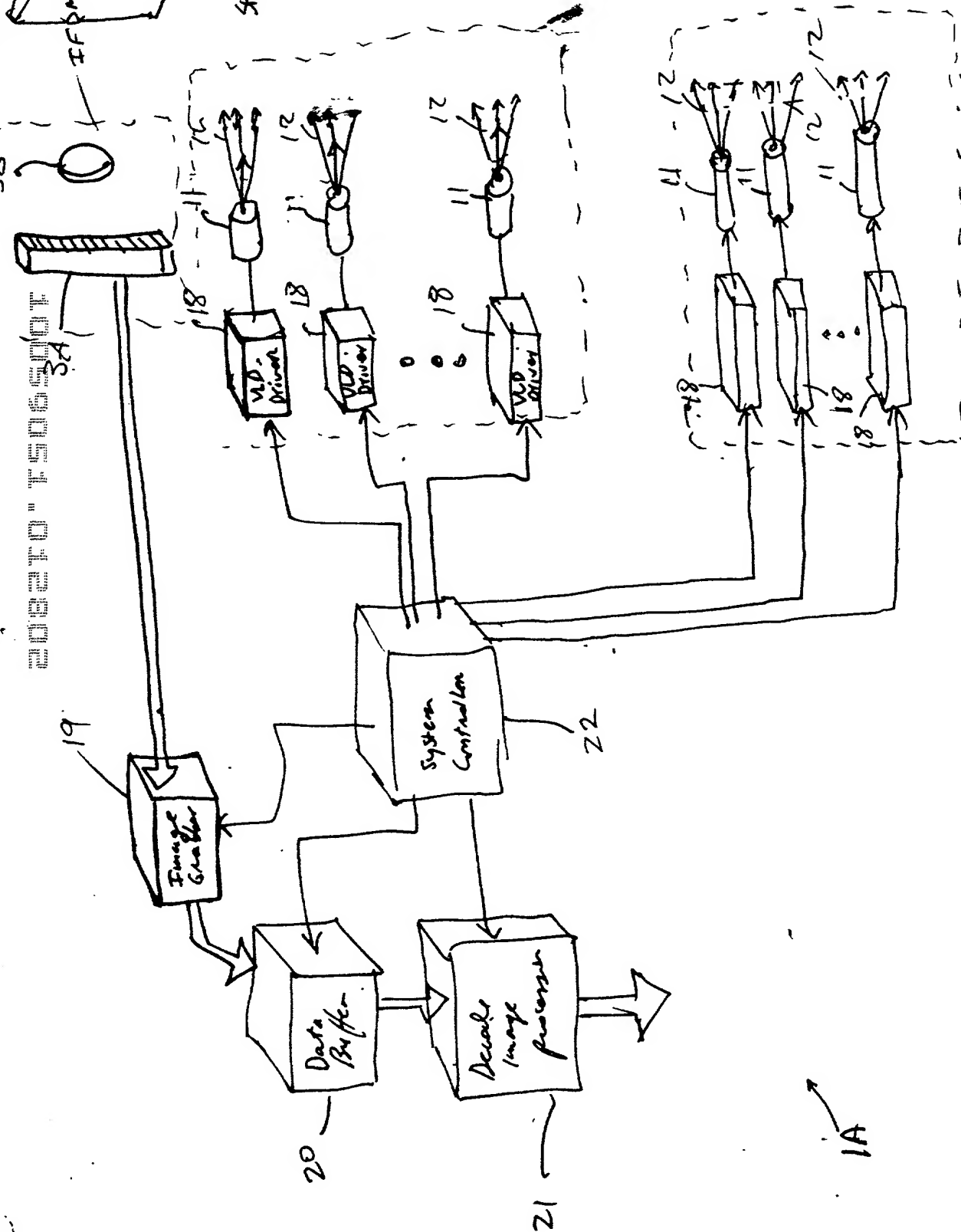


FIG. 1F

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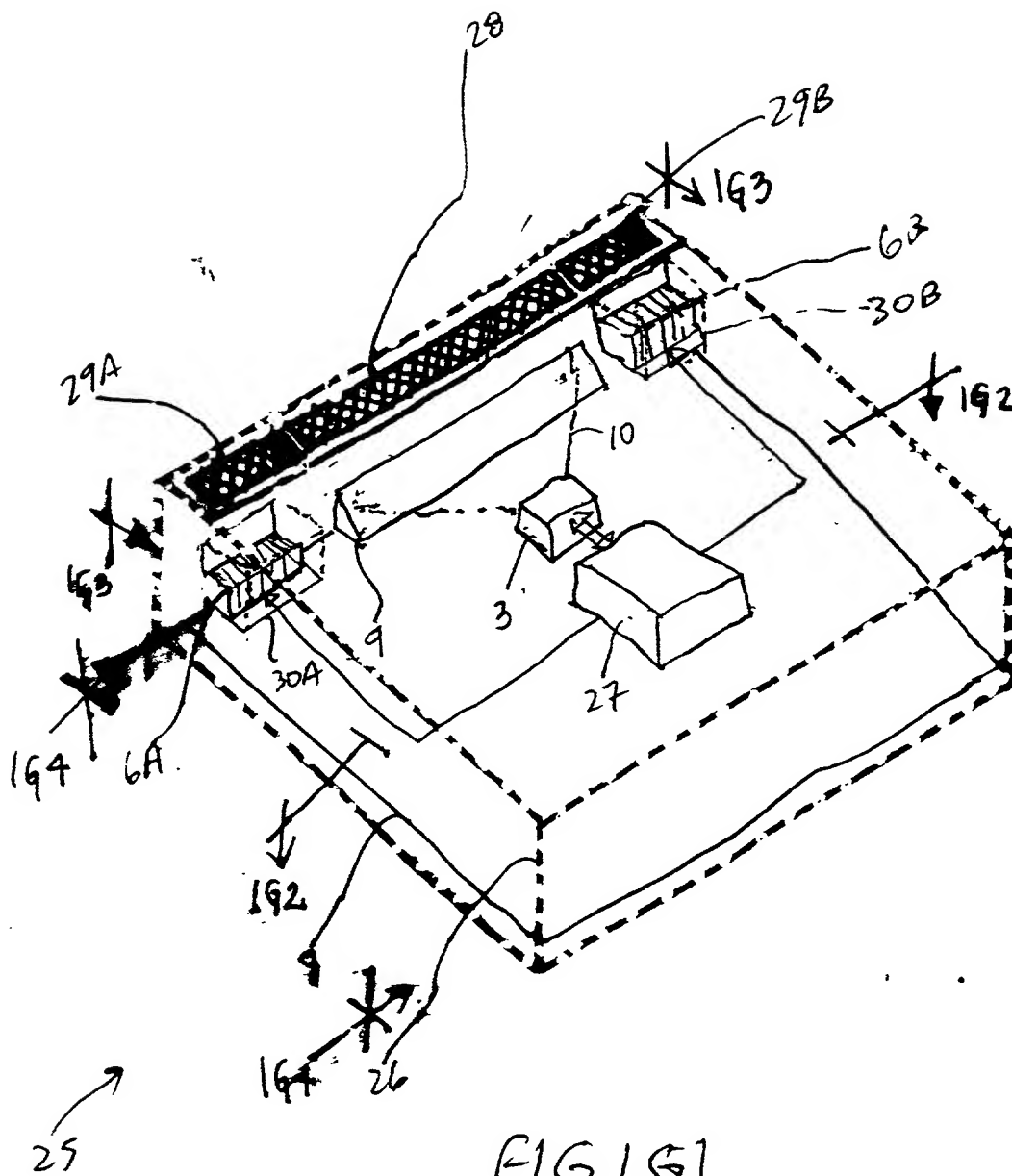


FIG 1G1

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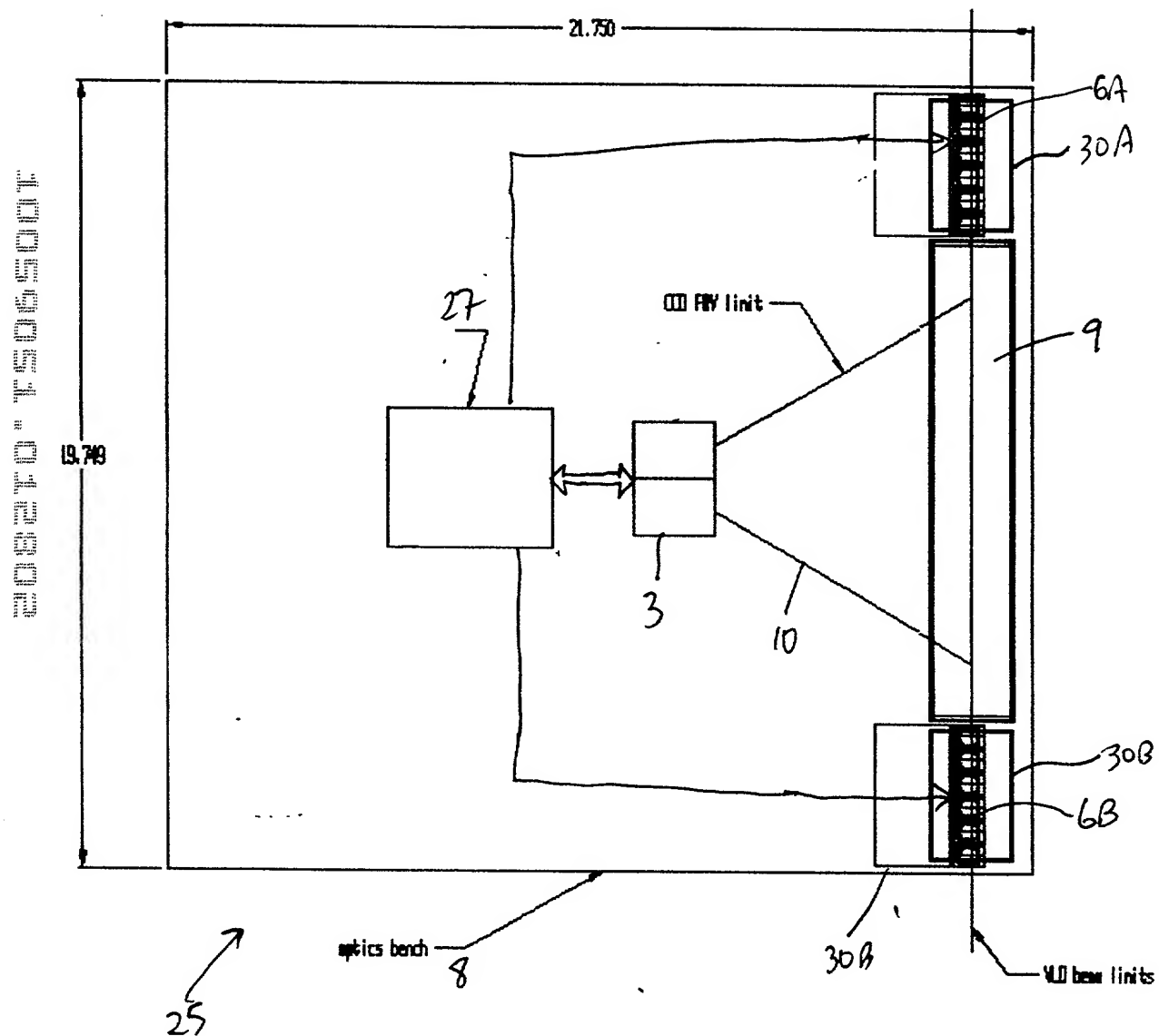


FIG. 162

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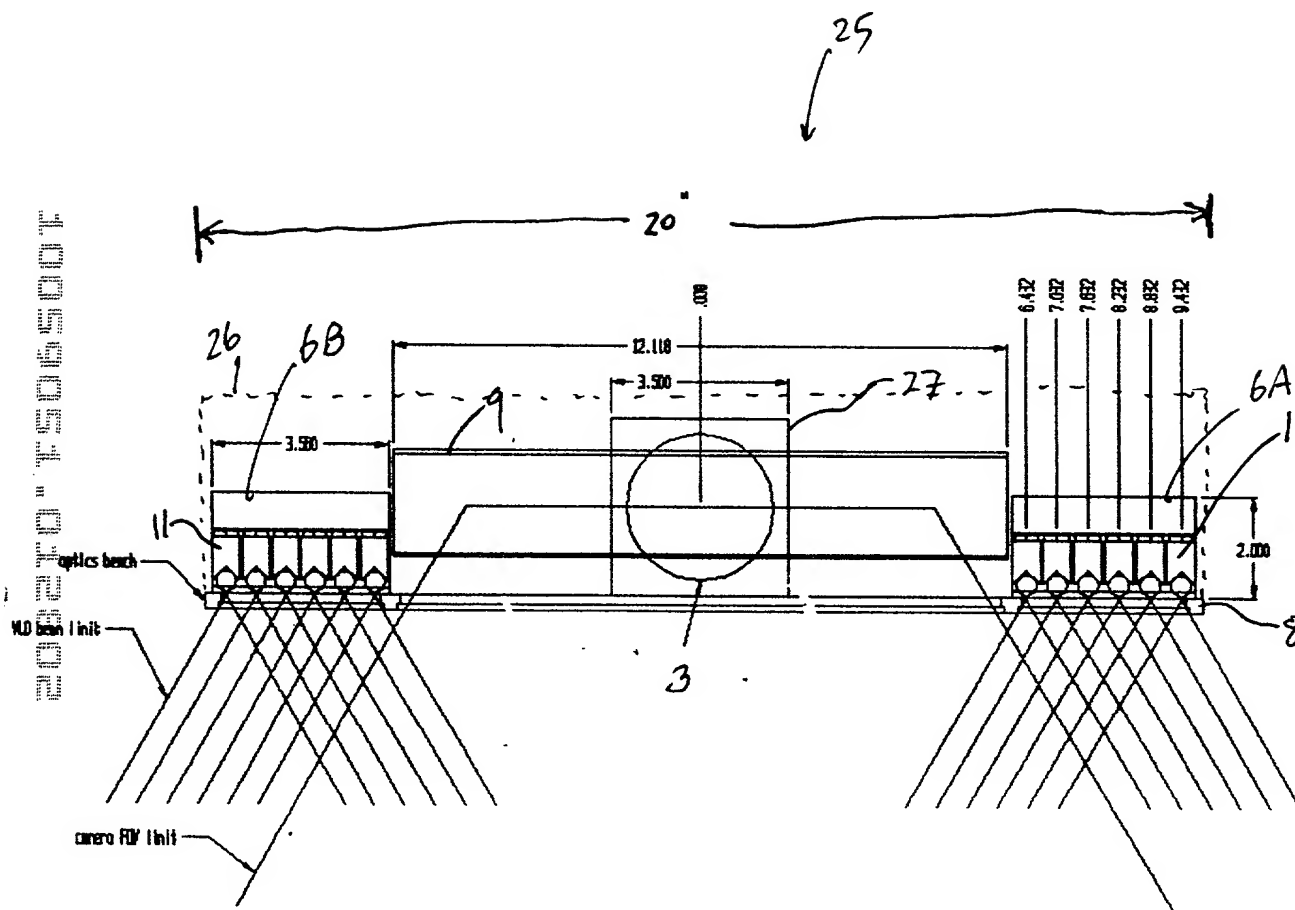


FIG. 1G3.

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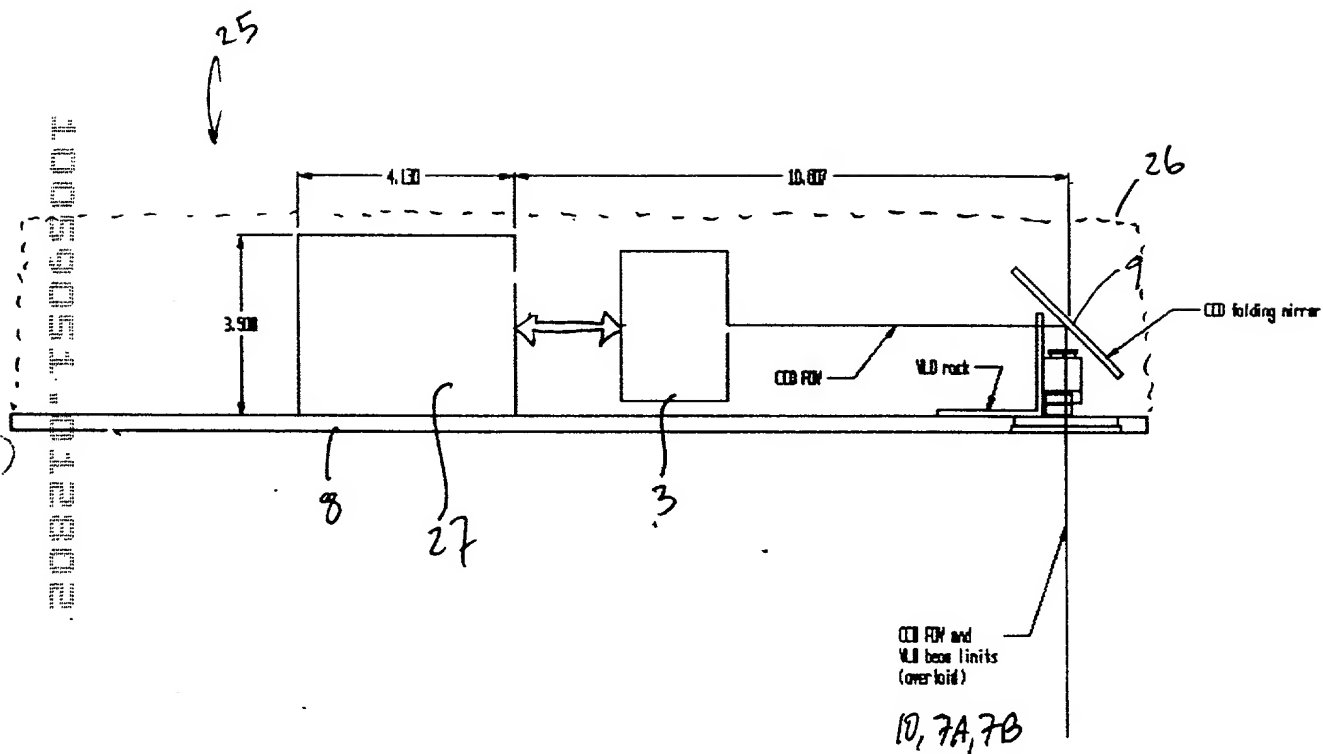
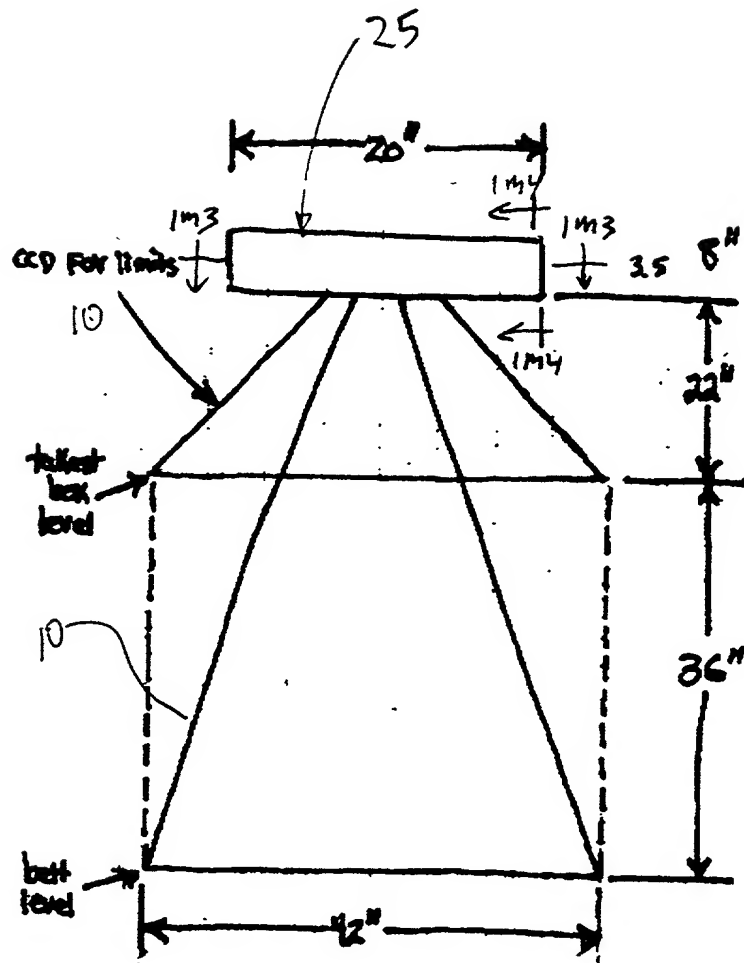


FIG. 1G4

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* Fixed Field of Field

FIG. 165

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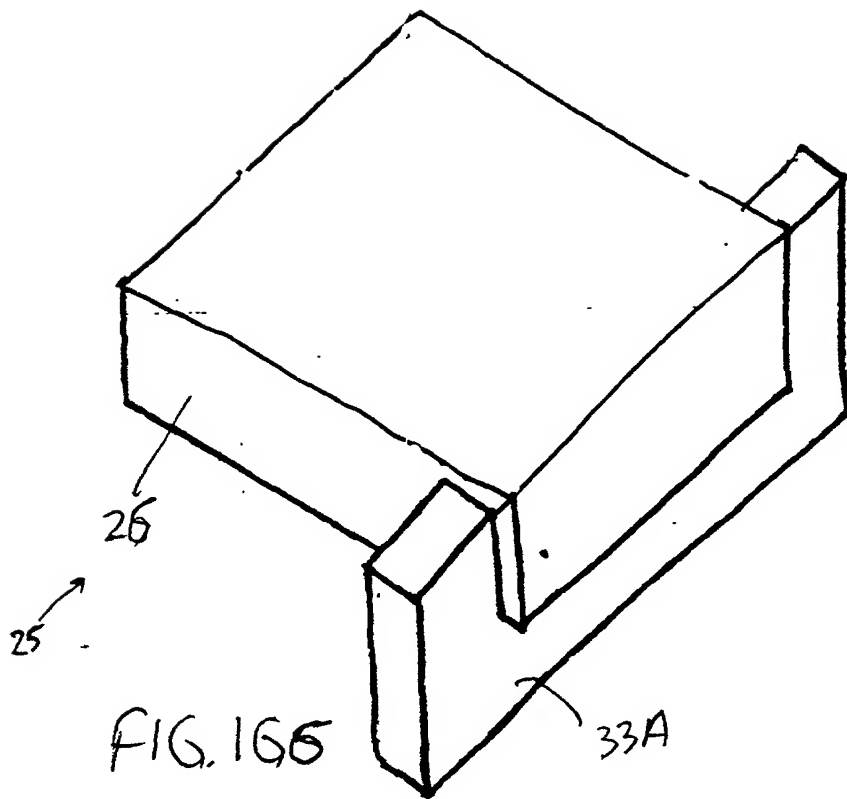


FIG. 166

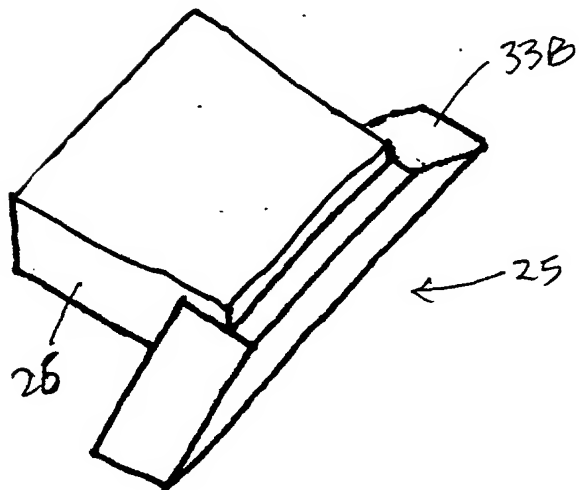


FIG. 167

20221015065001

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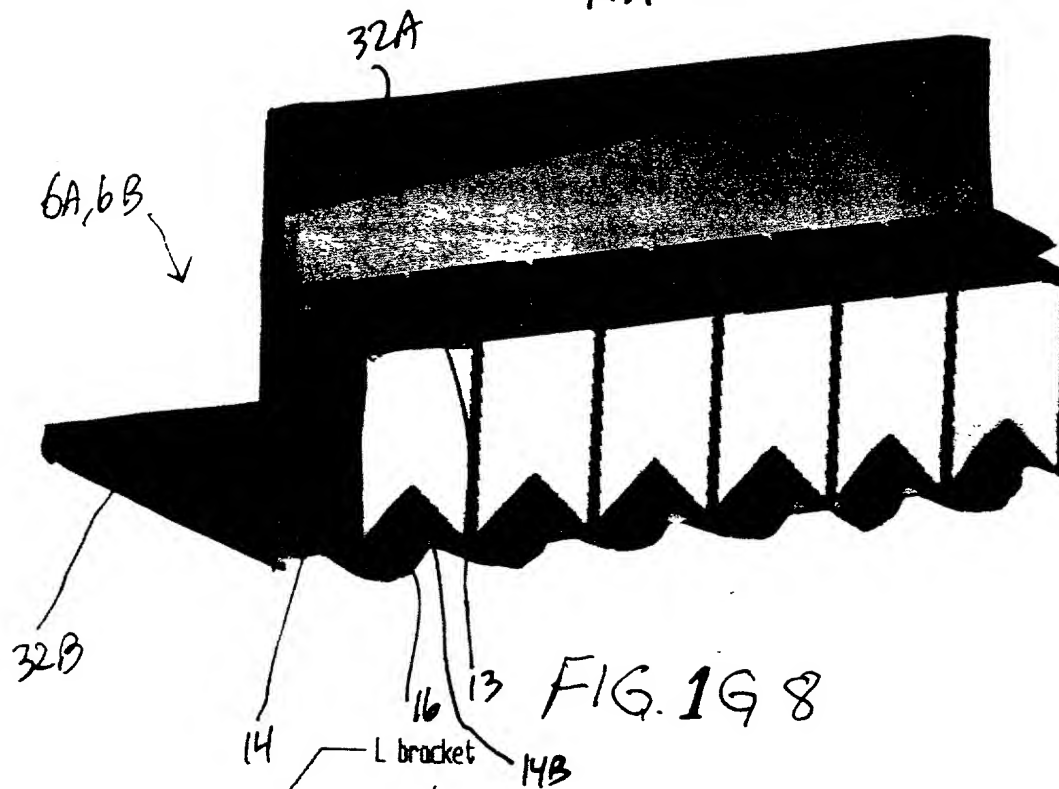


FIG. 1G.8

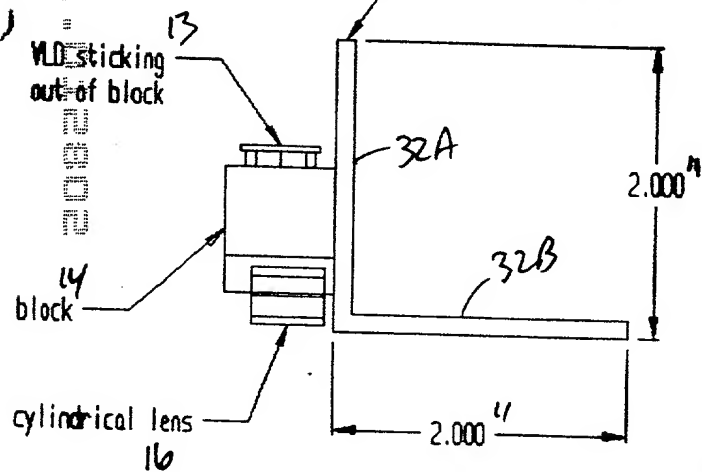


FIG. 1G.9

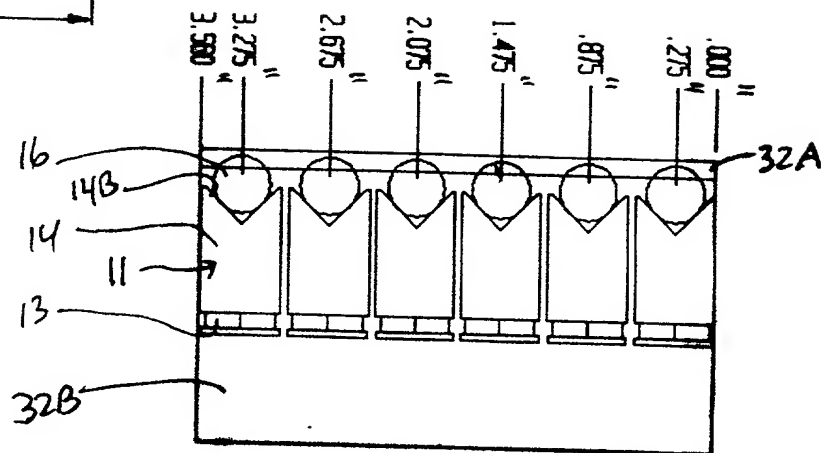
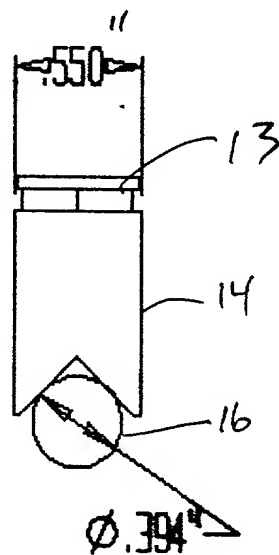
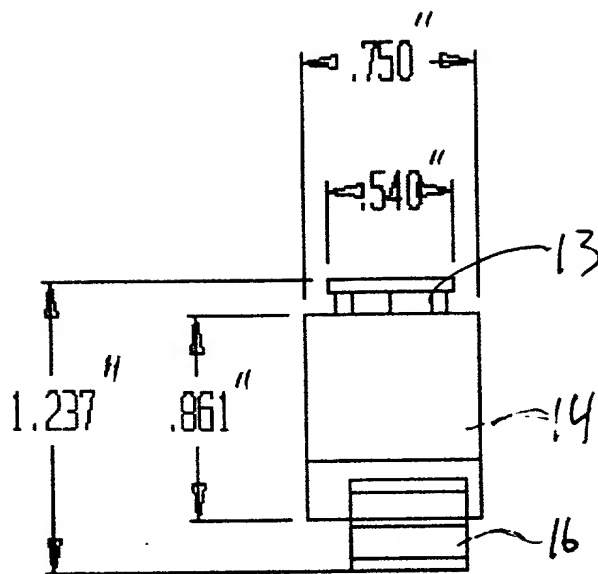


FIG. 1G.10

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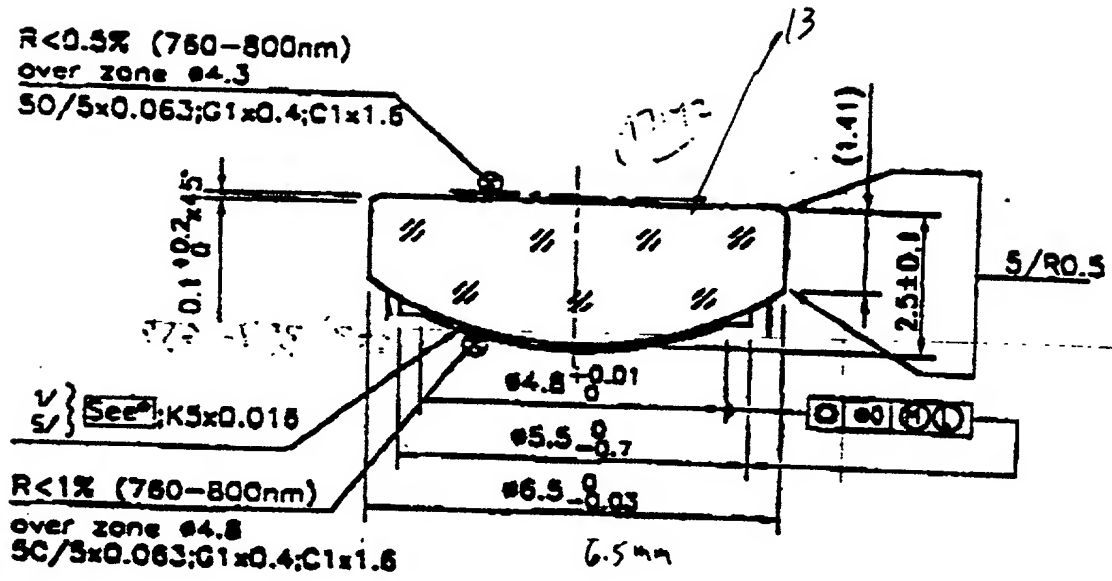


FIG. 1H1

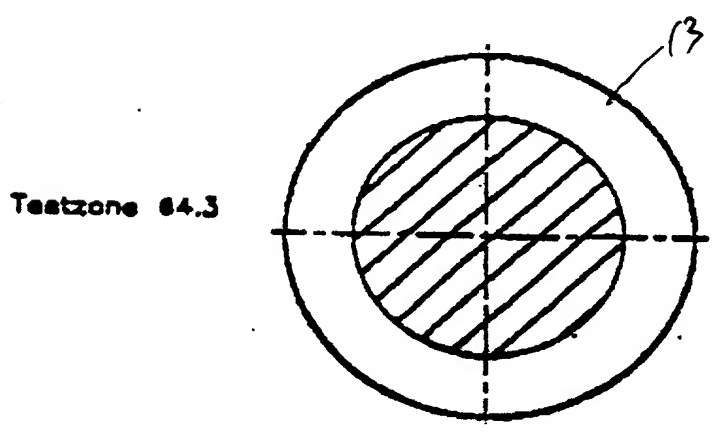


FIG. 1H2

200270" F5065001

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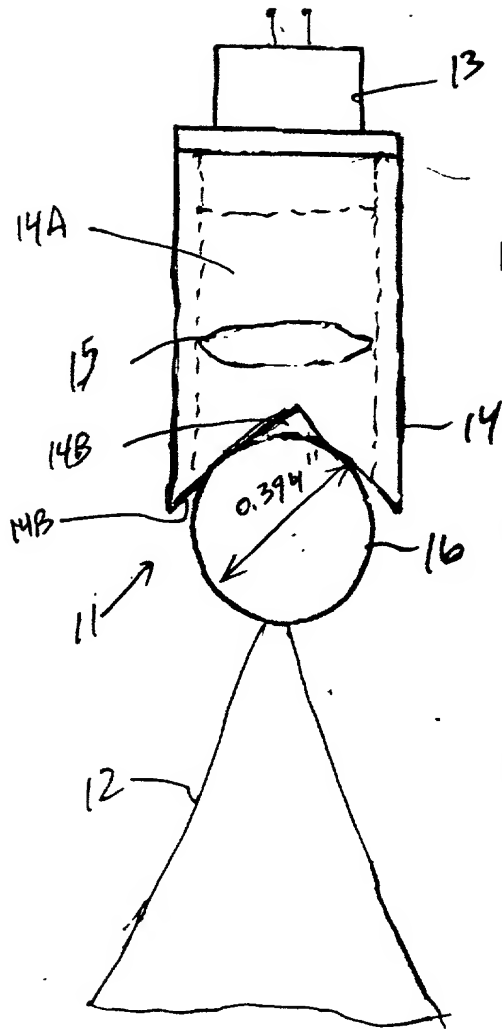


FIG. 1I1

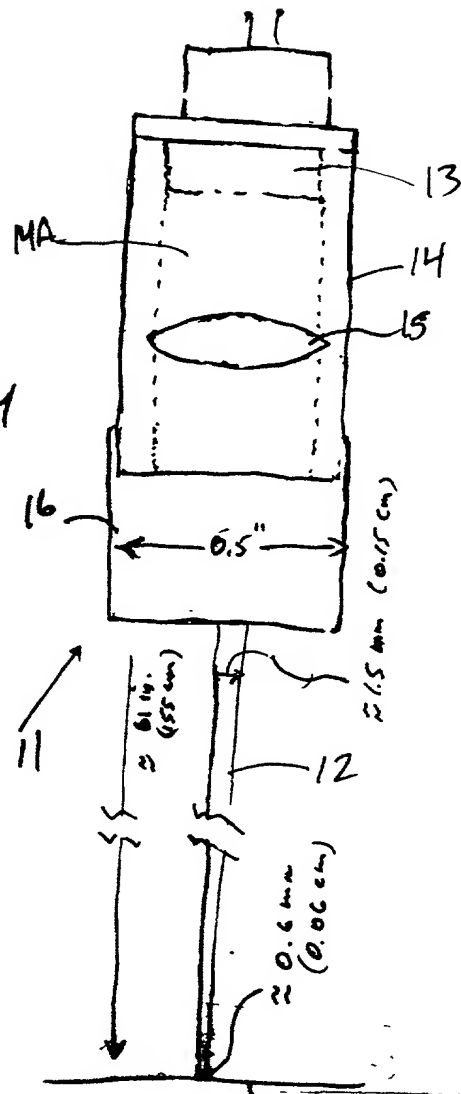


FIG. 1I2

furthest
object/working
distance

20221015055001

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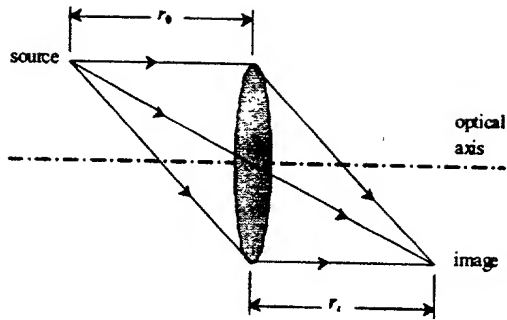


FIG. 1J1

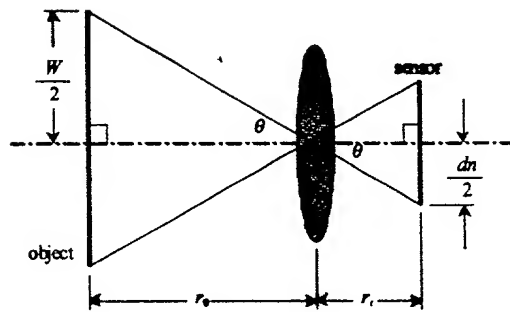


FIG. 1J2

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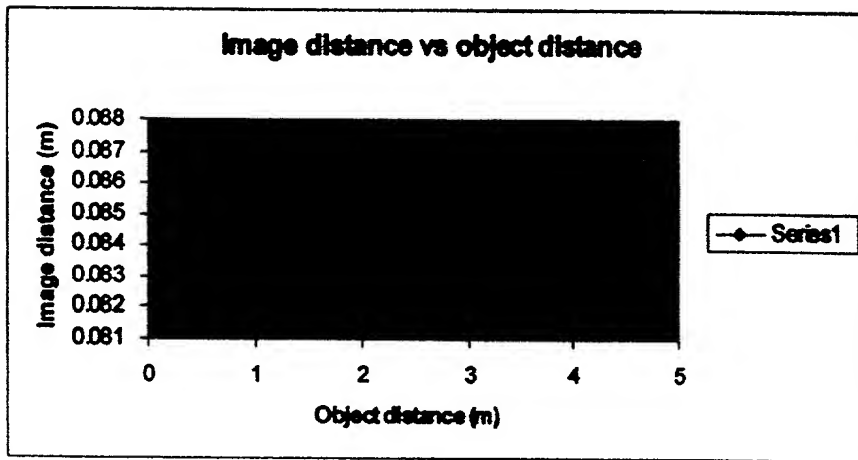


FIG. 1J3

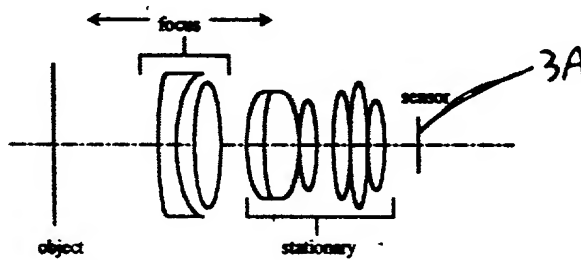


FIG. 1J4

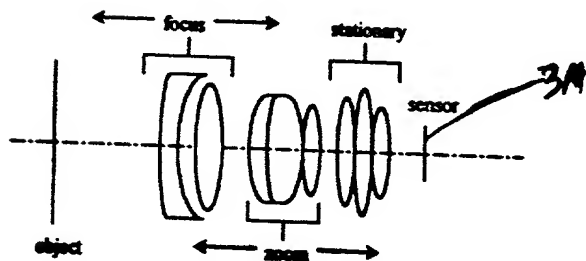


FIG. 1J5

202270"TS065001

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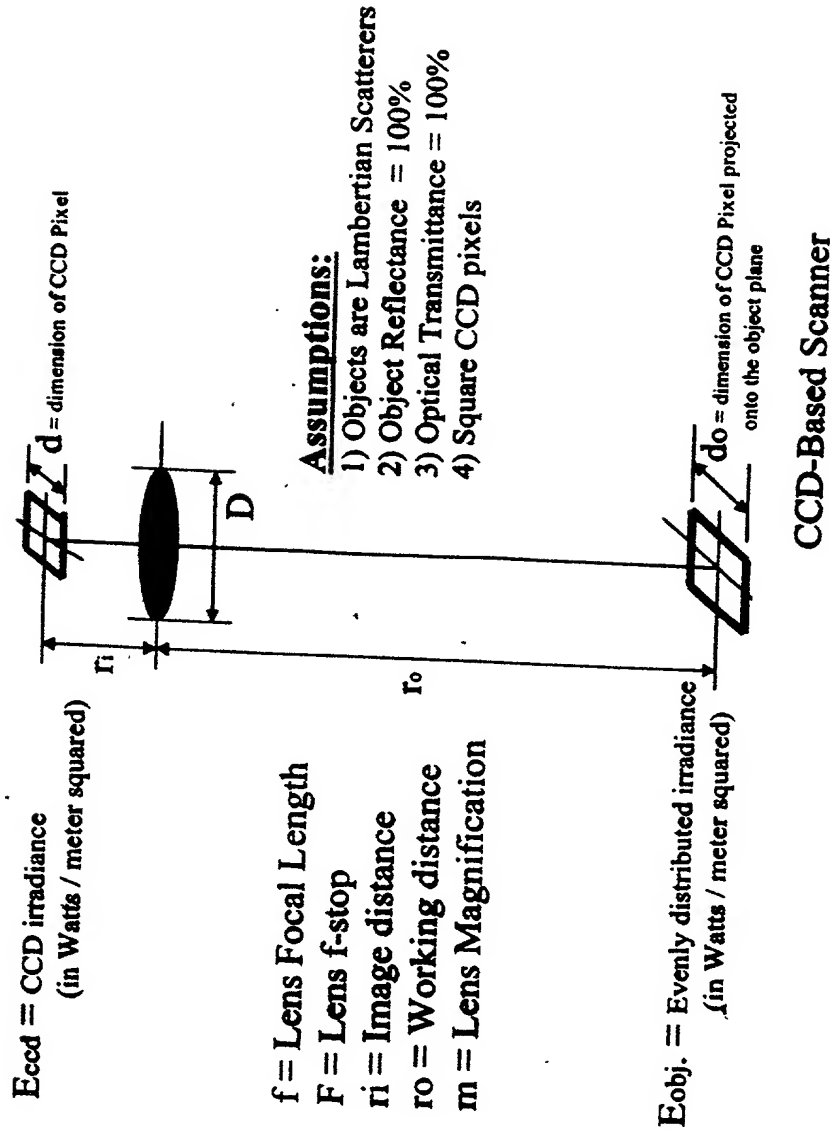
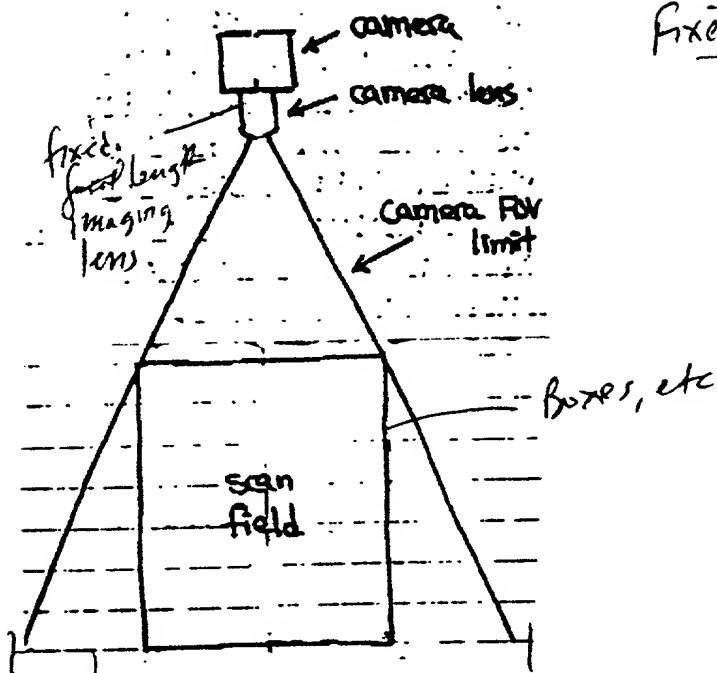


FIG. 1J6

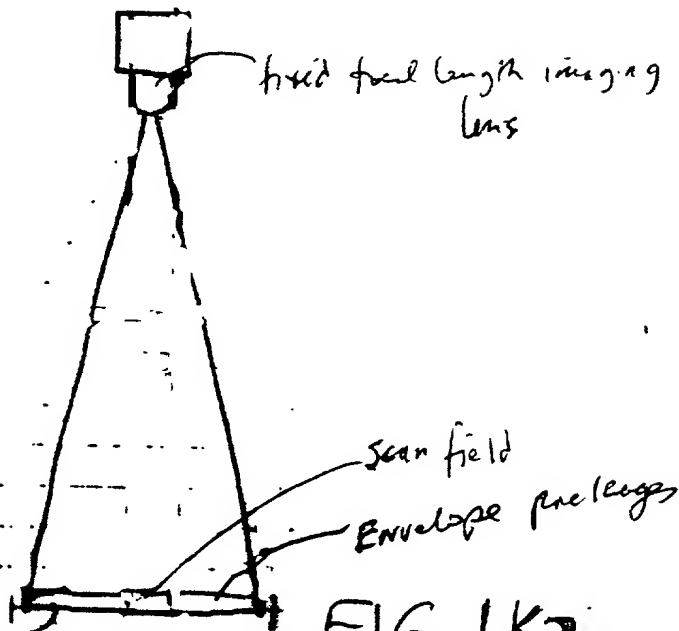
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Fixed focal length lens
Cases



comreyon 34

FIG 1K1



comreyon
34

FIG 1K2

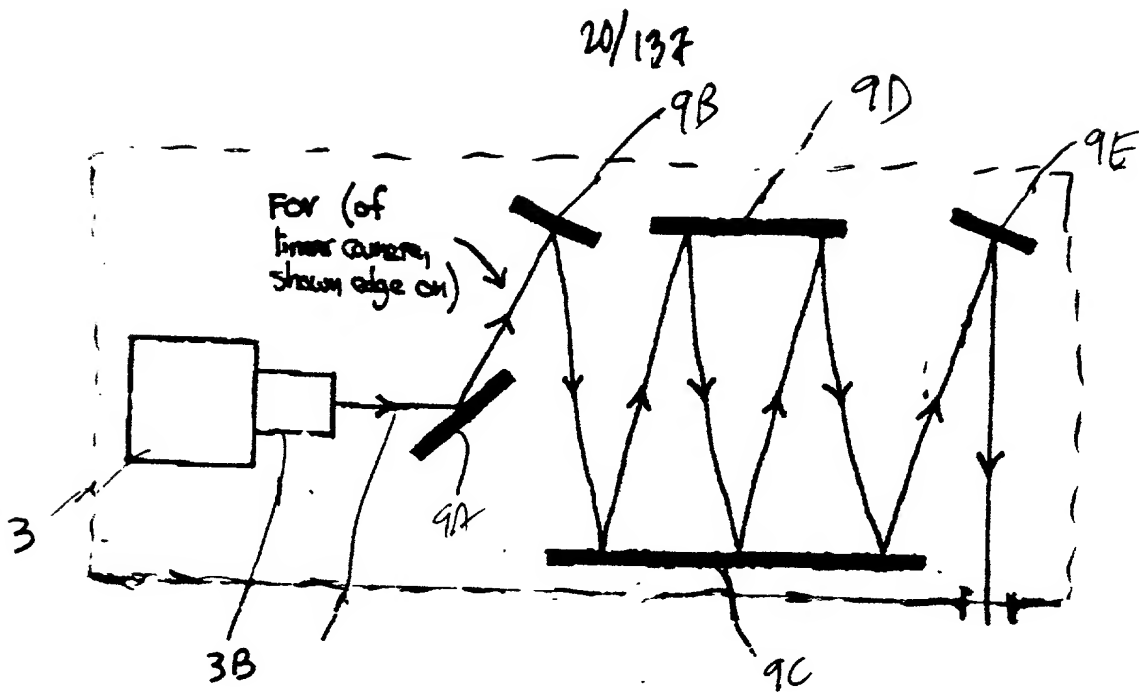


FIG. 1L1

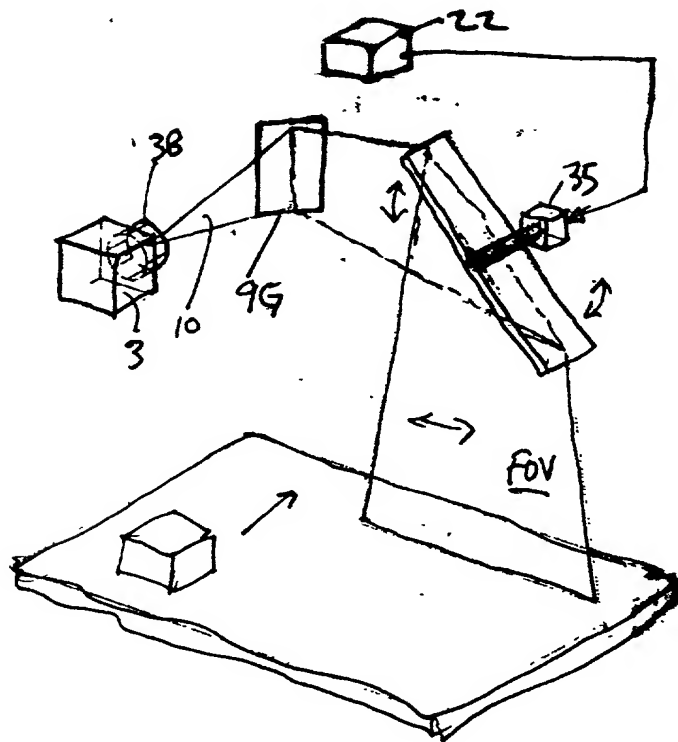


FIG. 1L2

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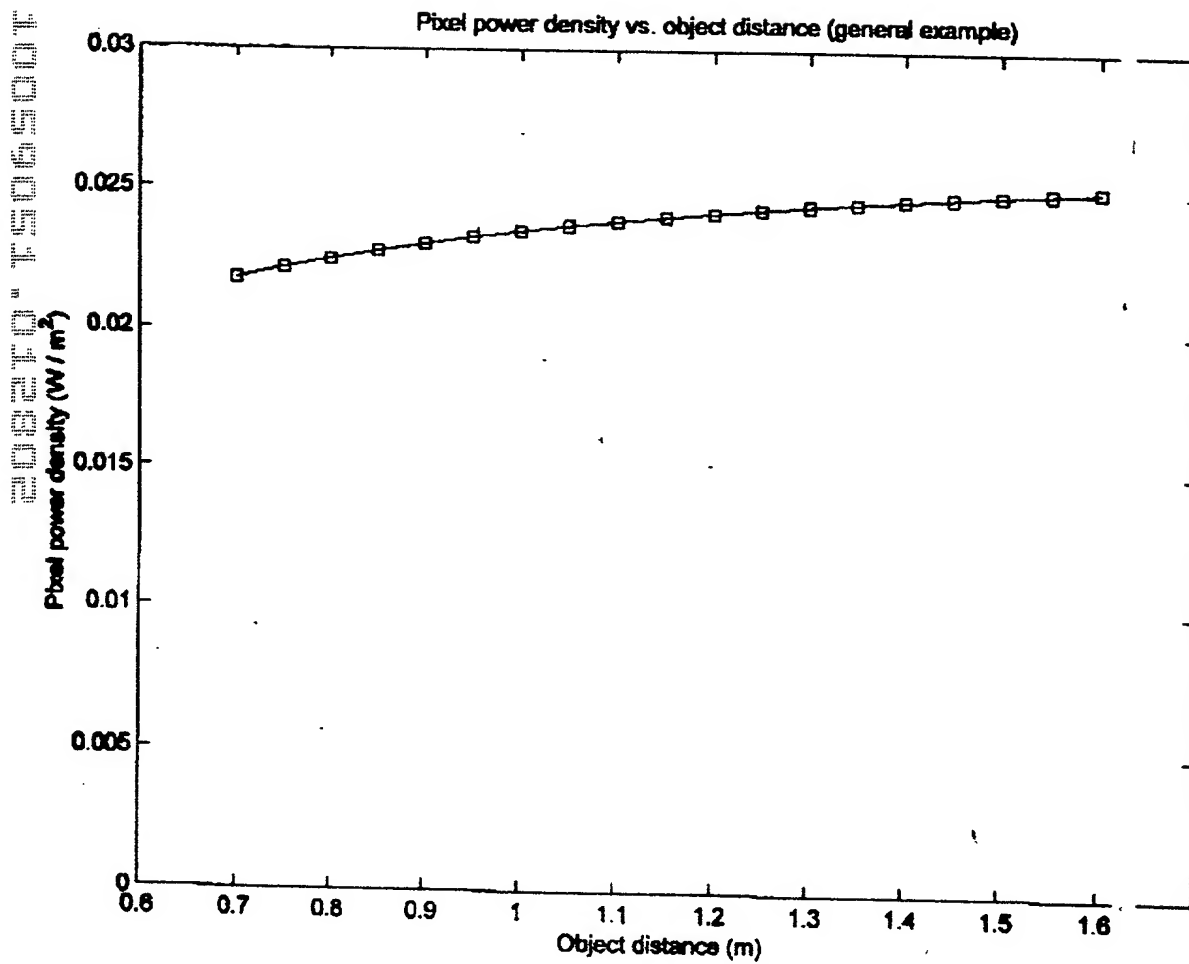


FIG-1M1

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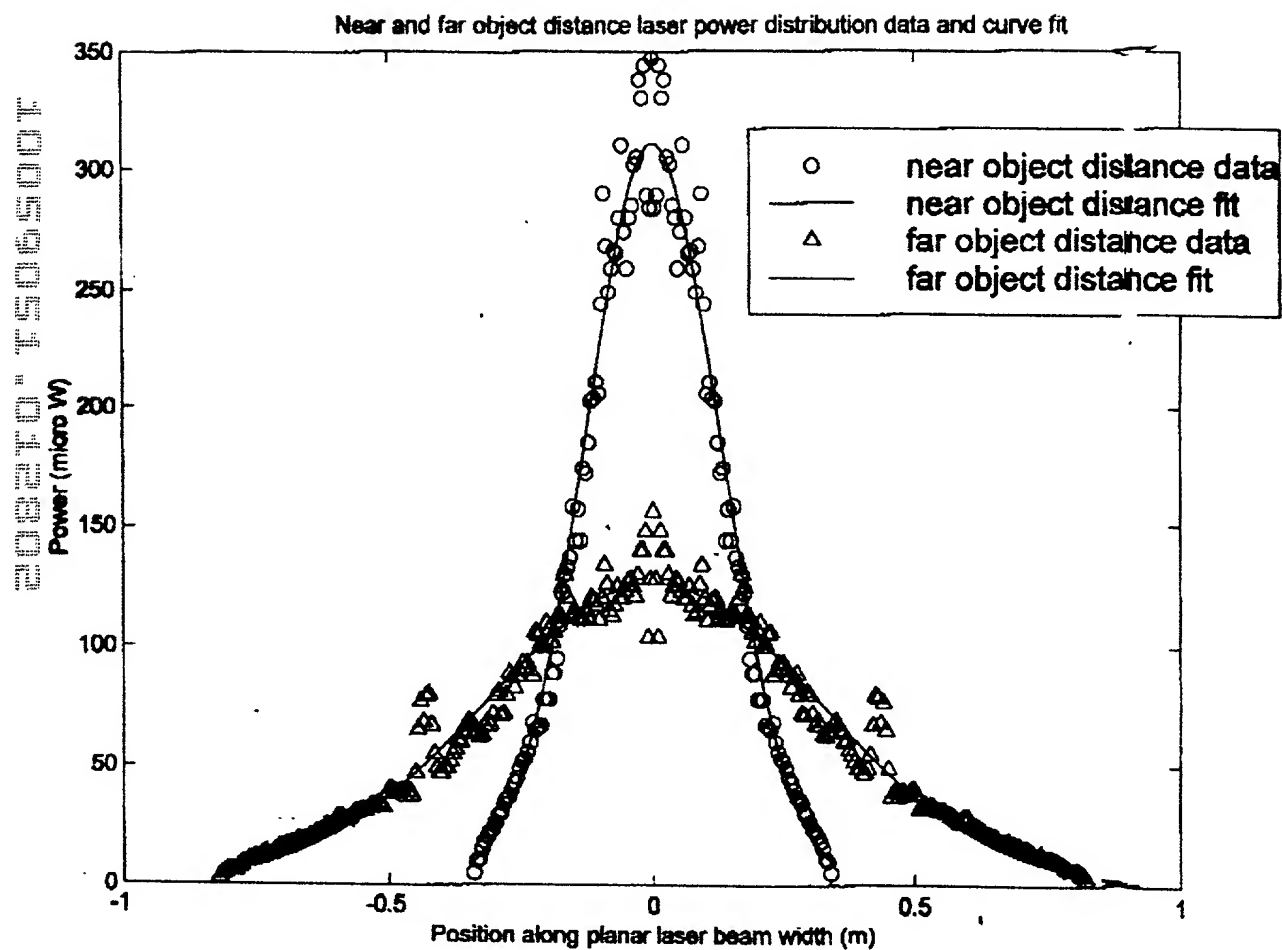


FIG. 1M2

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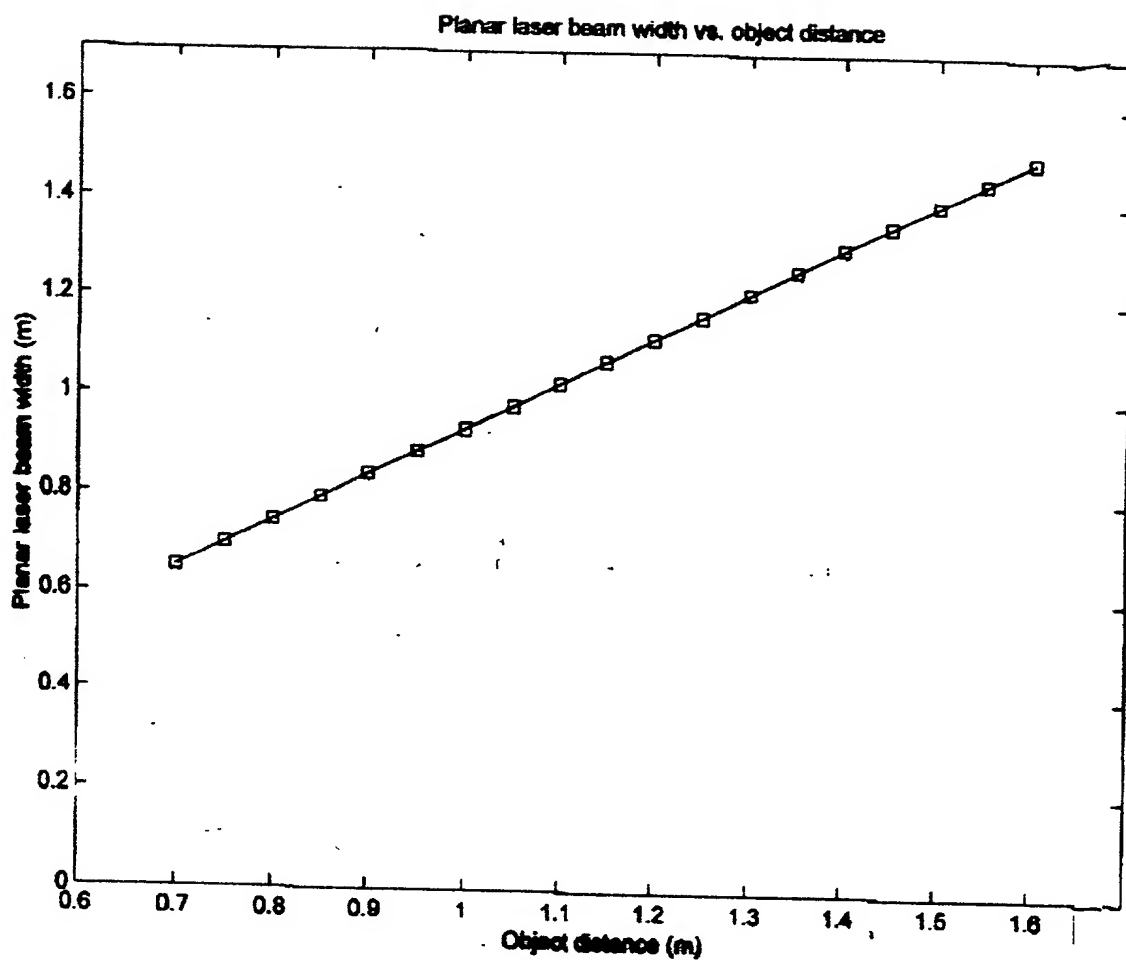
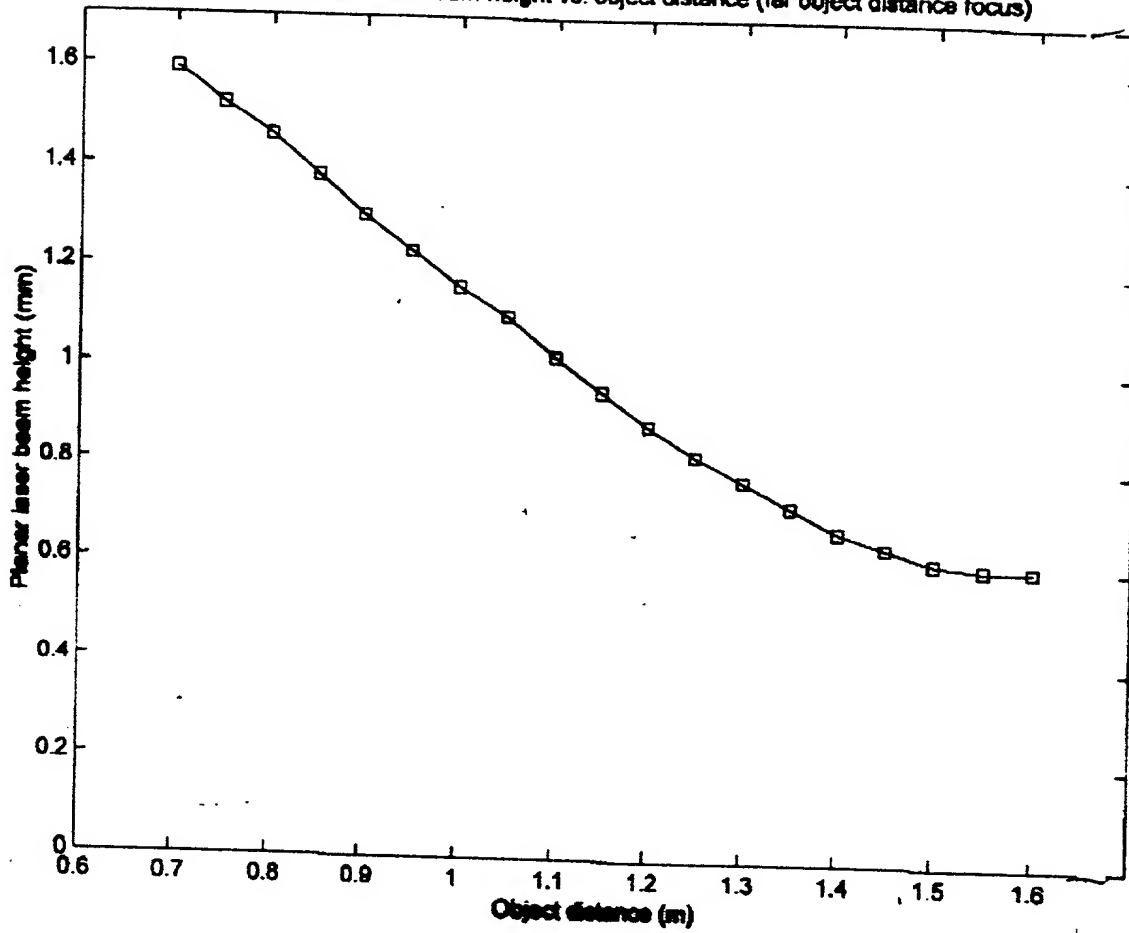


FIG. 1M3

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Figure 4: Planar laser beam height vs. object distance (far object distance focus)



FIG/M4

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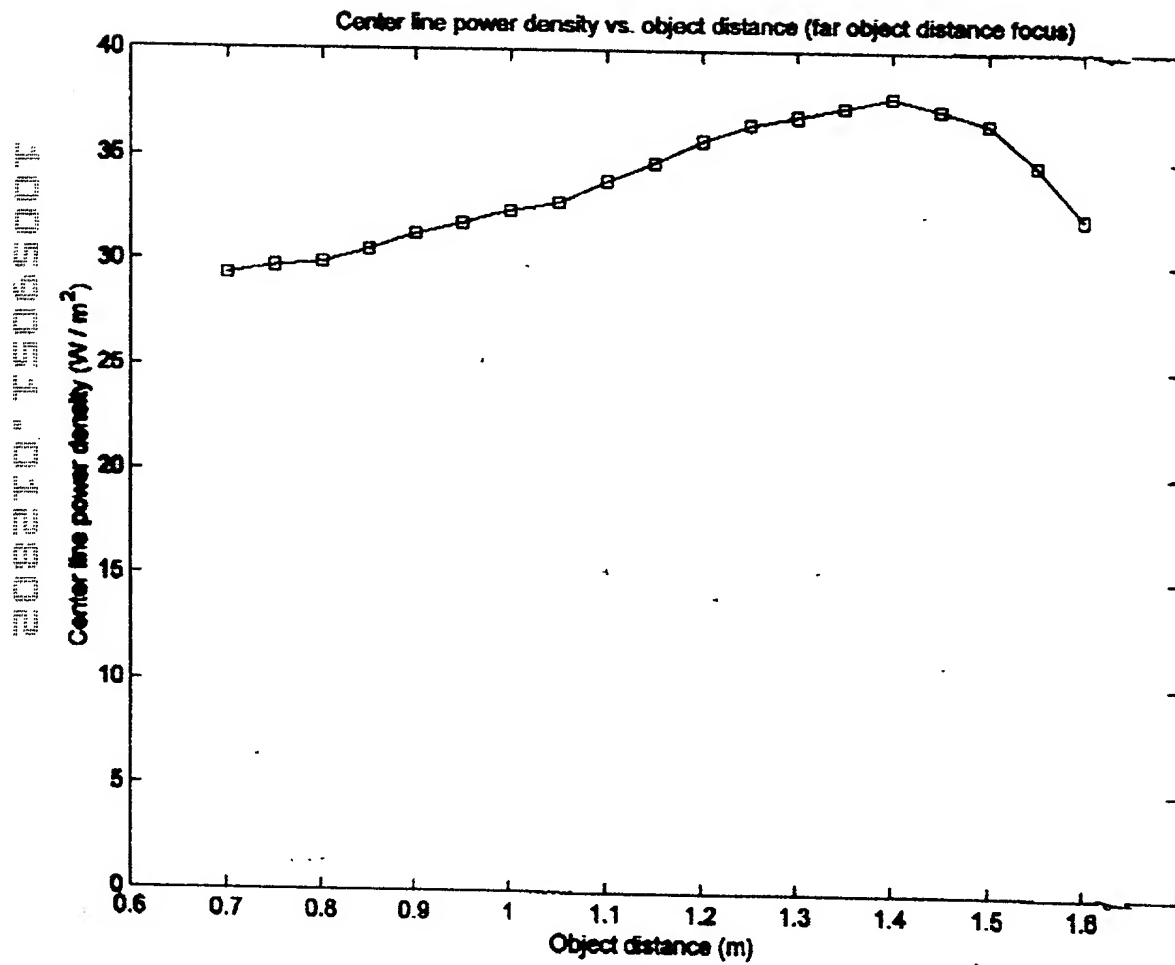


FIG. 1N

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Figure 6: Pixel power densities vs. object distance

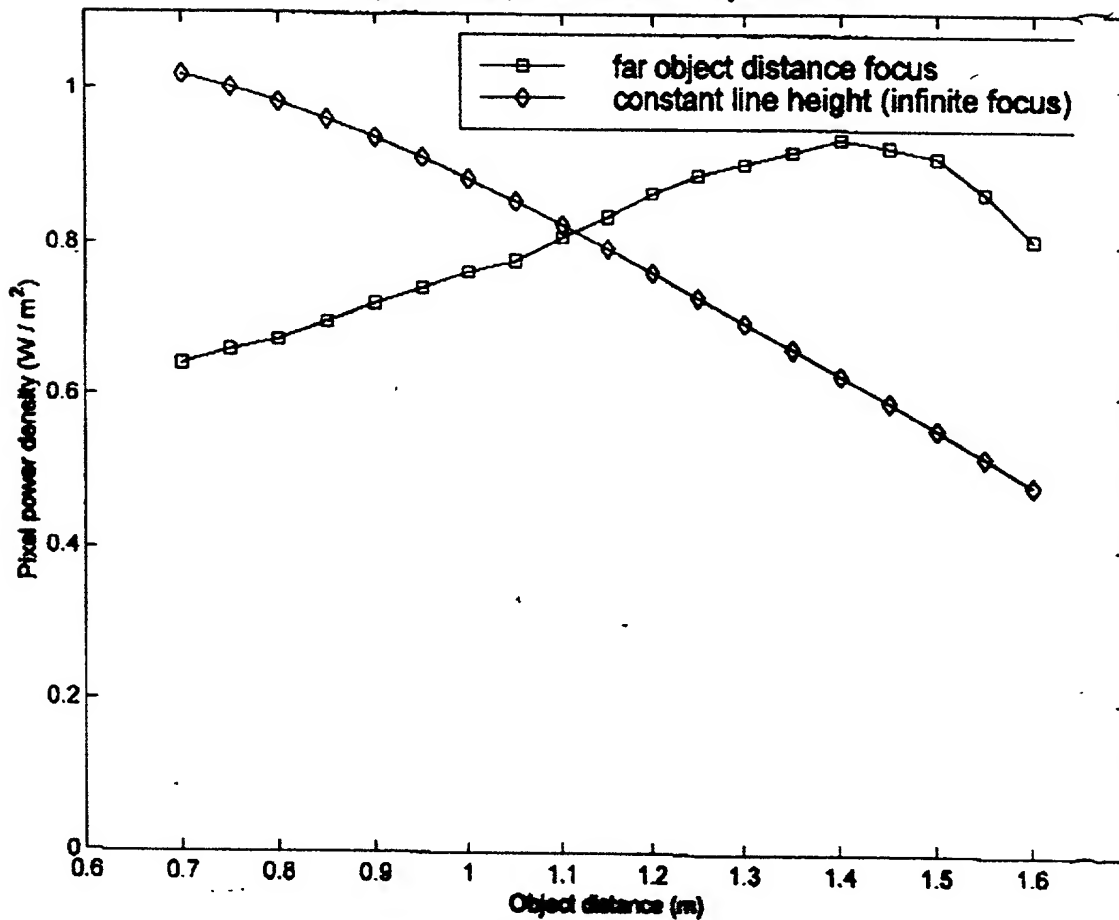
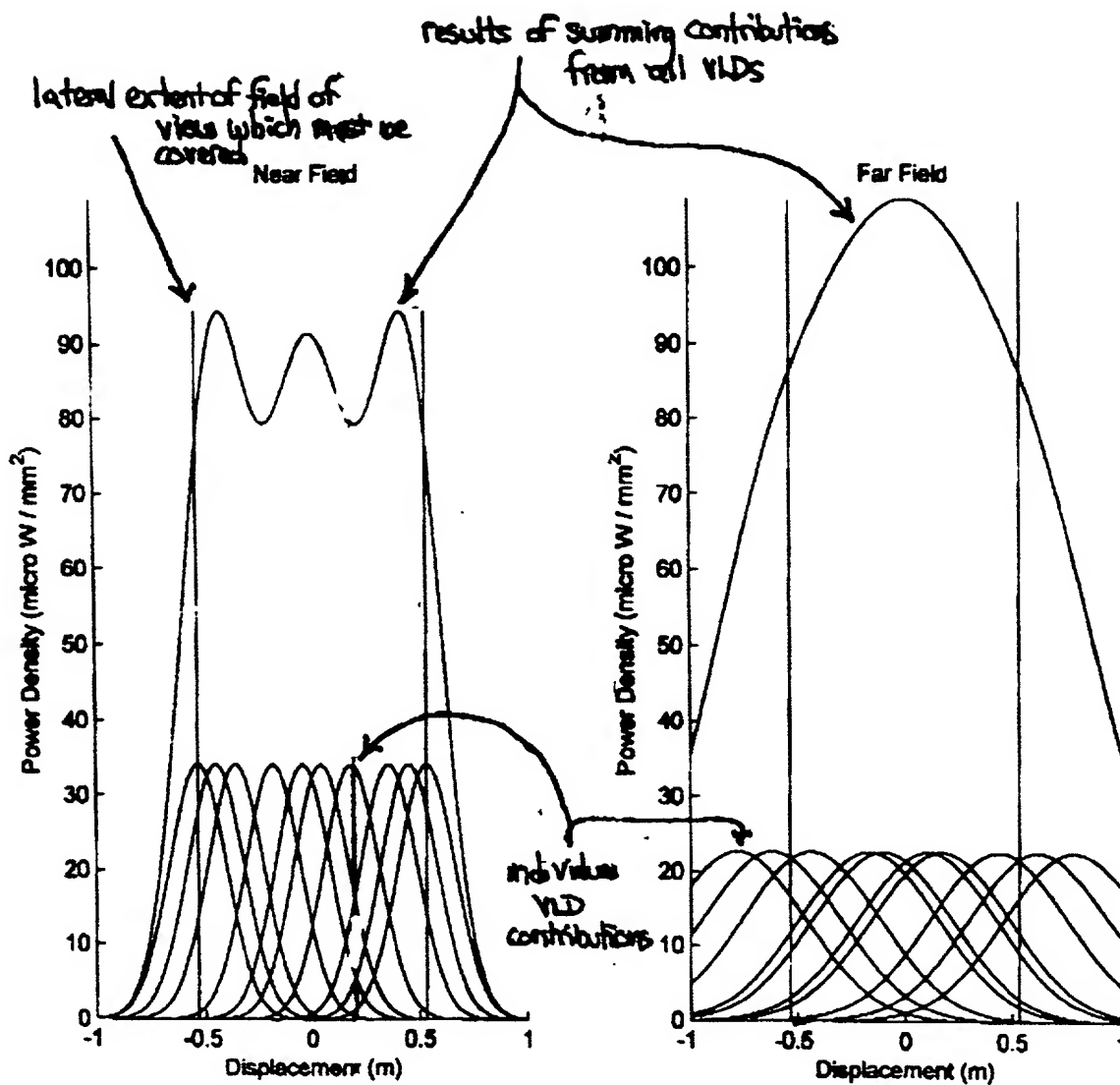


FIG. 10

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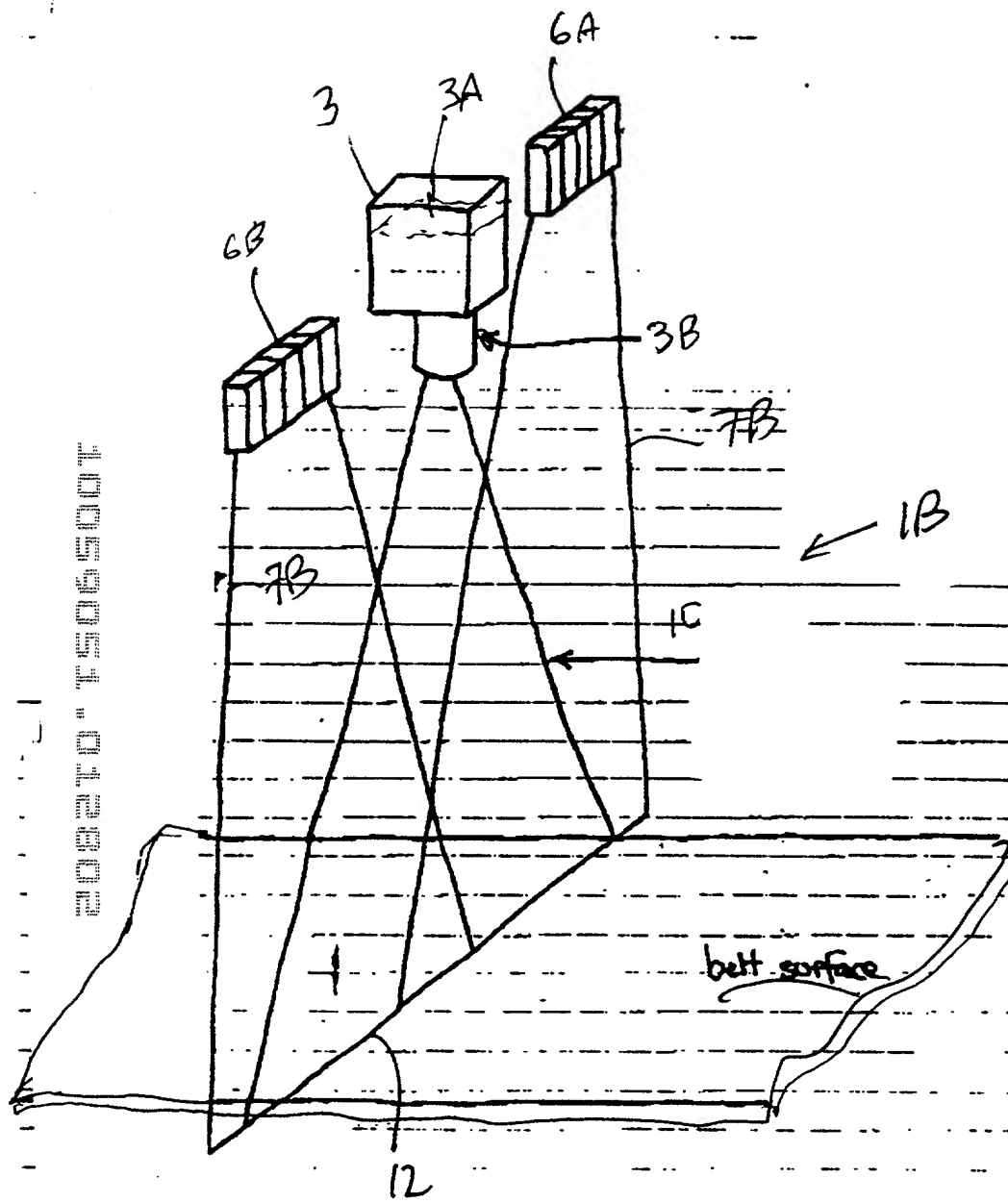
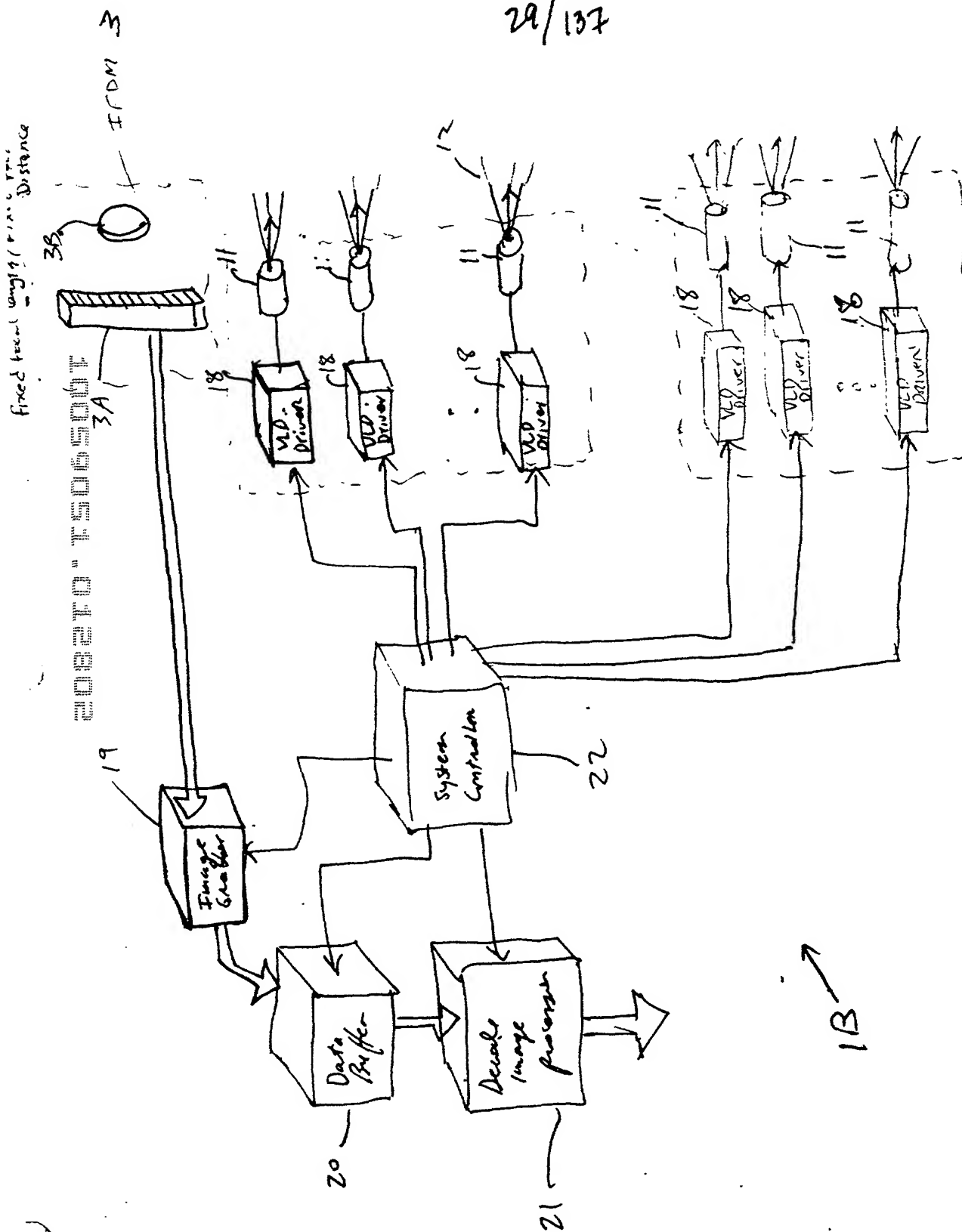


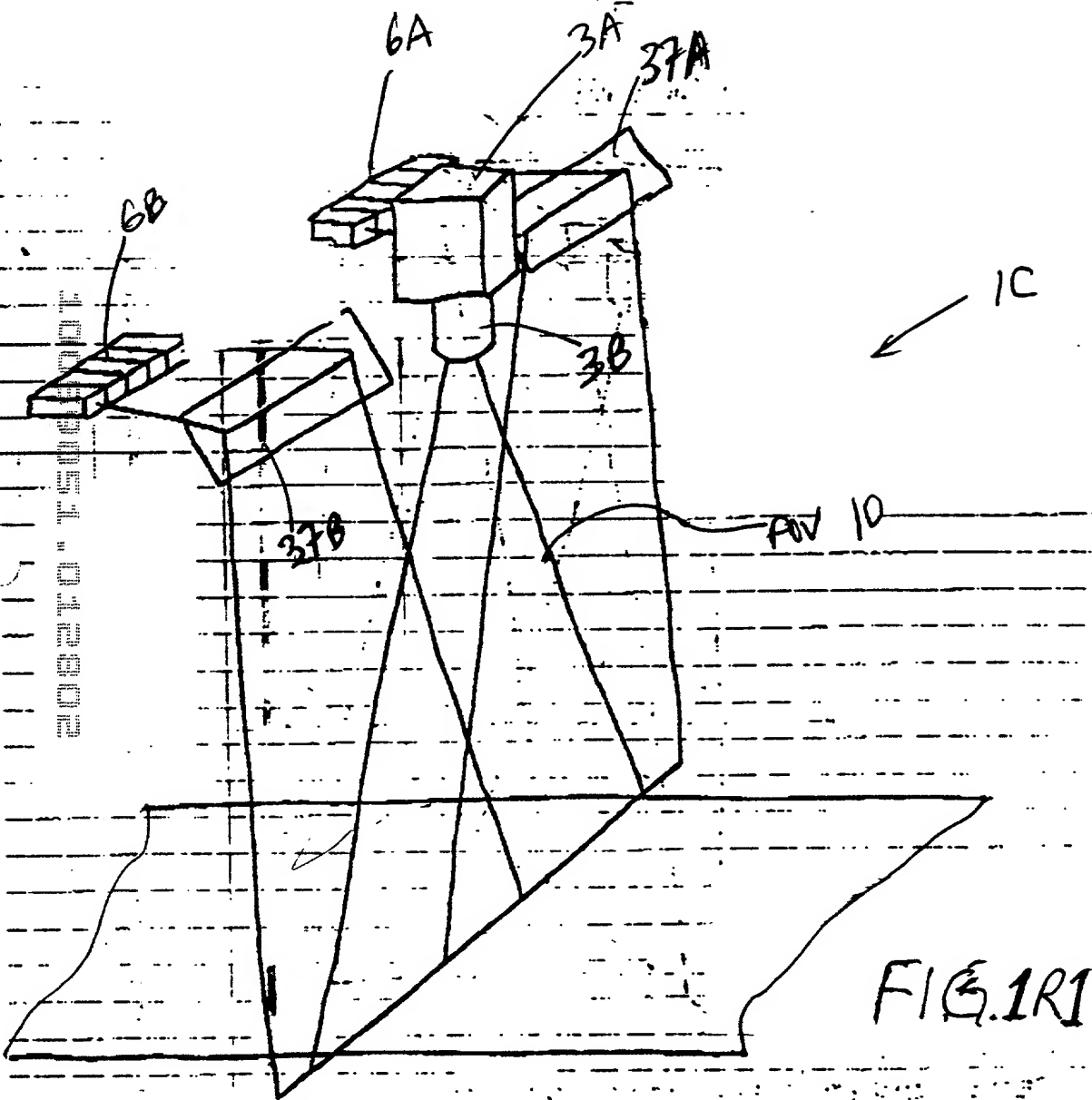
FIG. 101

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FIG. 102



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Fixed focal length / fixed focal distance

208270" F5065007

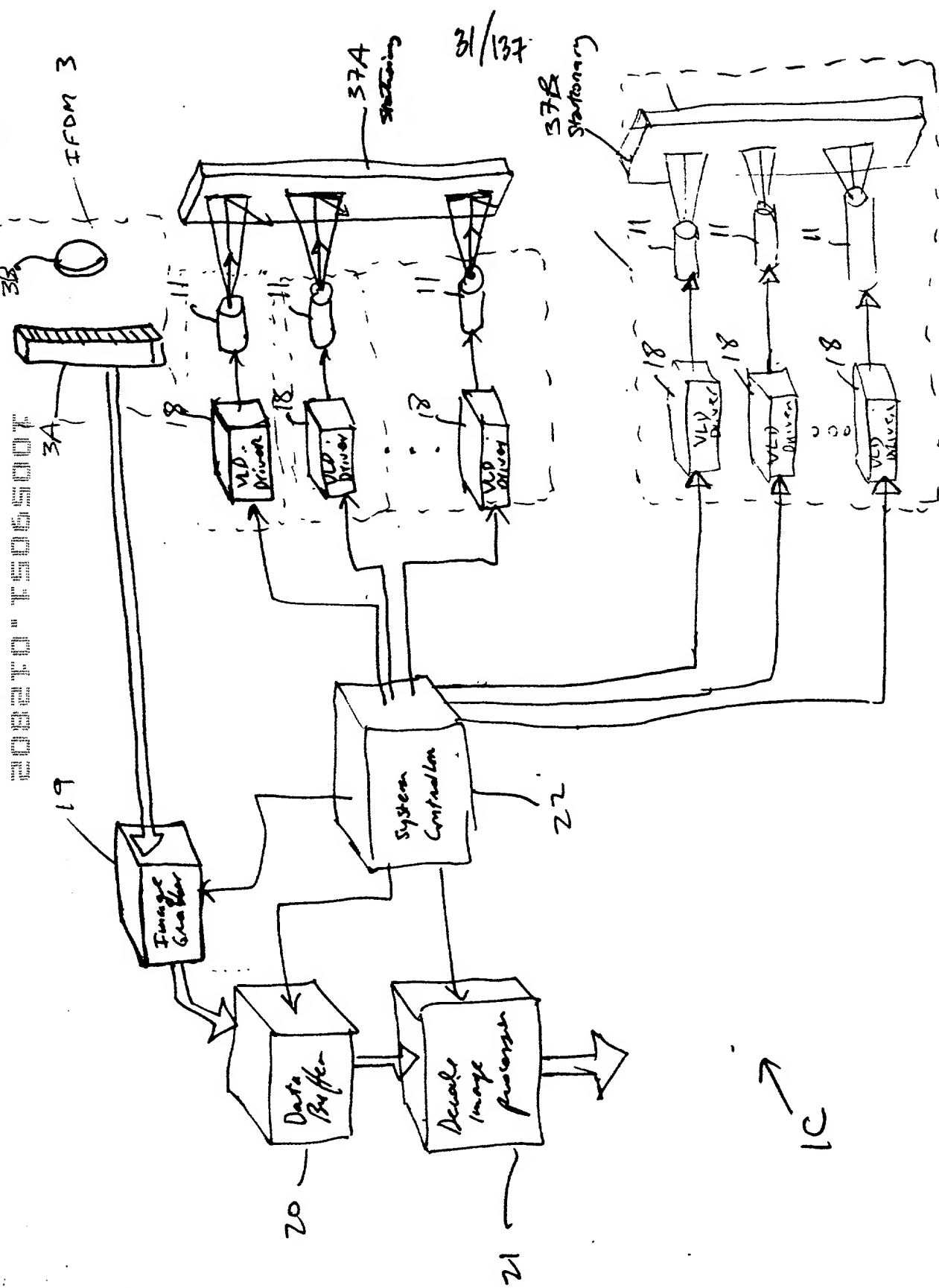


FIG. 1R2

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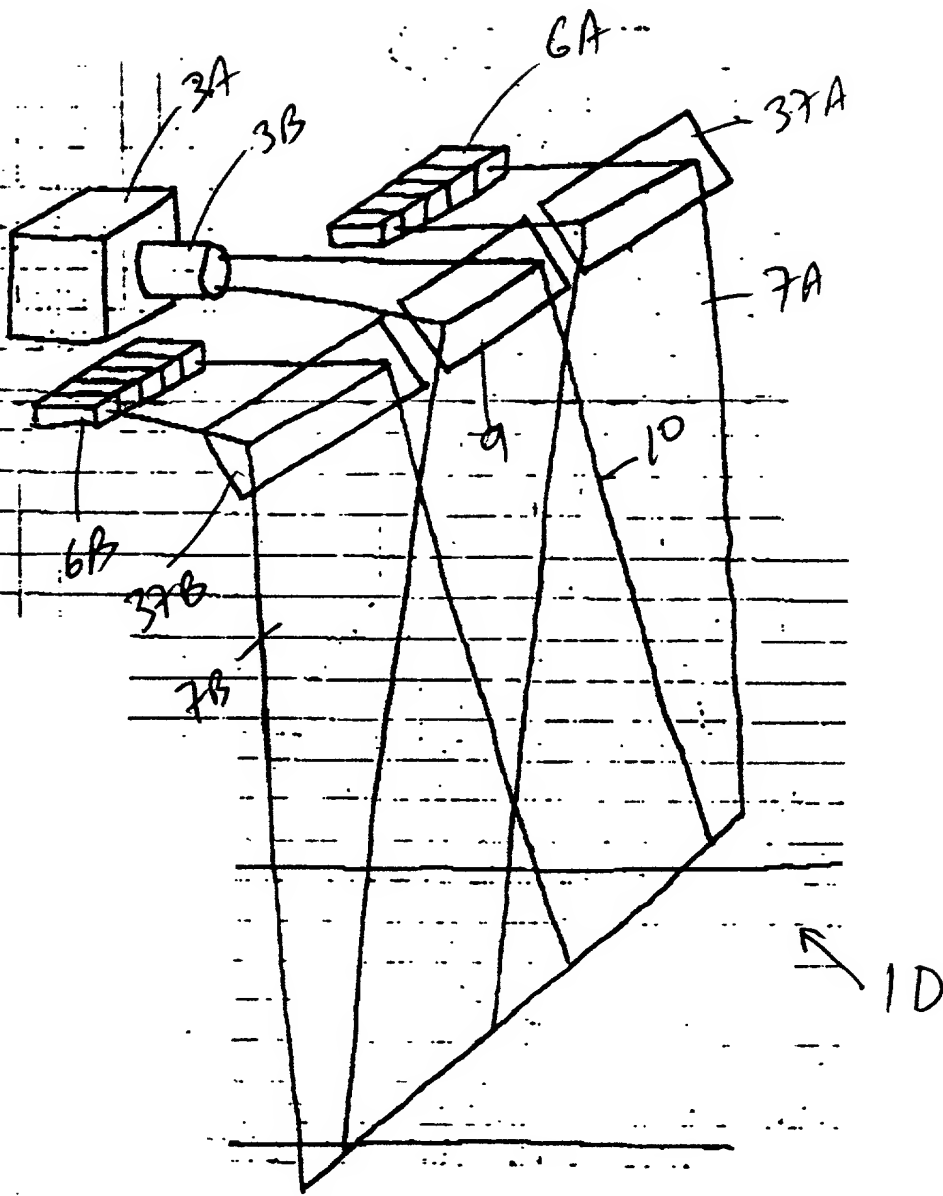


FIG. 1S1

Table 1	
Summary of the results of the 1998 survey of the 100 most common diseases in the United States	
Disease	Prevalence (%)
1. Hypertension	29.1
2. Diabetes	24.1
3. Atherosclerosis	23.1
4. Osteoarthritis	22.1
5. Depression	21.1
6. Chronic obstructive pulmonary disease	20.1
7. Heart failure	19.1
8. Asthma	18.1
9. Chronic kidney disease	17.1
10. Alzheimer's disease	16.1
11. Parkinson's disease	15.1
12. Multiple sclerosis	14.1
13. Rheumatoid arthritis	13.1
14. Chronic pain	12.1
15. Chronic fatigue syndrome	11.1
16. Chronic sinusitis	10.1
17. Chronic bronchitis	9.1
18. Chronic hepatitis	8.1
19. Chronic pancreatitis	7.1
20. Chronic colitis	6.1
21. Chronic gastritis	5.1
22. Chronic urethritis	4.1
23. Chronic cervicitis	3.1
24. Chronic vaginitis	2.1
25. Chronic proctitis	1.1
26. Chronic cystitis	0.1
27. Chronic prostatitis	0.1
28. Chronic orchitis	0.1
29. Chronic epididymitis	0.1
30. Chronic ureteritis	0.1
31. Chronic pyelitis	0.1
32. Chronic glomerulonephritis	0.1
33. Chronic interstitial nephritis	0.1
34. Chronic tubulointerstitial nephritis	0.1
35. Chronic glomerulonephritis	0.1
36. Chronic interstitial nephritis	0.1
37. Chronic tubulointerstitial nephritis	0.1
38. Chronic glomerulonephritis	0.1
39. Chronic interstitial nephritis	0.1
40. Chronic tubulointerstitial nephritis	0.1
41. Chronic glomerulonephritis	0.1
42. Chronic interstitial nephritis	0.1
43. Chronic tubulointerstitial nephritis	0.1
44. Chronic glomerulonephritis	0.1
45. Chronic interstitial nephritis	0.1
46. Chronic tubulointerstitial nephritis	0.1
47. Chronic glomerulonephritis	0.1
48. Chronic interstitial nephritis	0.1
49. Chronic tubulointerstitial nephritis	0.1
50. Chronic glomerulonephritis	0.1
51. Chronic interstitial nephritis	0.1
52. Chronic tubulointerstitial nephritis	0.1
53. Chronic glomerulonephritis	0.1
54. Chronic interstitial nephritis	0.1
55. Chronic tubulointerstitial nephritis	0.1
56. Chronic glomerulonephritis	0.1
57. Chronic interstitial nephritis	0.1
58. Chronic tubulointerstitial nephritis	0.1
59. Chronic glomerulonephritis	0.1
60. Chronic interstitial nephritis	0.1
61. Chronic tubulointerstitial nephritis	0.1
62. Chronic glomerulonephritis	0.1
63. Chronic interstitial nephritis	0.1
64. Chronic tubulointerstitial nephritis	0.1
65. Chronic glomerulonephritis	0.1
66. Chronic interstitial nephritis	0.1
67. Chronic tubulointerstitial nephritis	0.1
68. Chronic glomerulonephritis	0.1
69. Chronic interstitial nephritis	0.1
70. Chronic tubulointerstitial nephritis	0.1
71. Chronic glomerulonephritis	0.1
72. Chronic interstitial nephritis	0.1
73. Chronic tubulointerstitial nephritis	0.1
74. Chronic glomerulonephritis	0.1
75. Chronic interstitial nephritis	0.1
76. Chronic tubulointerstitial nephritis	0.1
77. Chronic glomerulonephritis	0.1
78. Chronic interstitial nephritis	0.1
79. Chronic tubulointerstitial nephritis	0.1
80. Chronic glomerulonephritis	0.1
81. Chronic interstitial nephritis	0.1
82. Chronic tubulointerstitial nephritis	0.1
83. Chronic glomerulonephritis	0.1
84. Chronic interstitial nephritis	0.1
85. Chronic tubulointerstitial nephritis	0.1
86. Chronic glomerulonephritis	0.1
87. Chronic interstitial nephritis	0.1
88. Chronic tubulointerstitial nephritis	0.1
89. Chronic glomerulonephritis	0.1
90. Chronic interstitial nephritis	0.1
91. Chronic tubulointerstitial nephritis	0.1
92. Chronic glomerulonephritis	0.1
93. Chronic interstitial nephritis	0.1
94. Chronic tubulointerstitial nephritis	0.1
95. Chronic glomerulonephritis	0.1
96. Chronic interstitial nephritis	0.1
97. Chronic tubulointerstitial nephritis	0.1
98. Chronic glomerulonephritis	0.1
99. Chronic interstitial nephritis	0.1
100. Chronic tubulointerstitial nephritis	0.1

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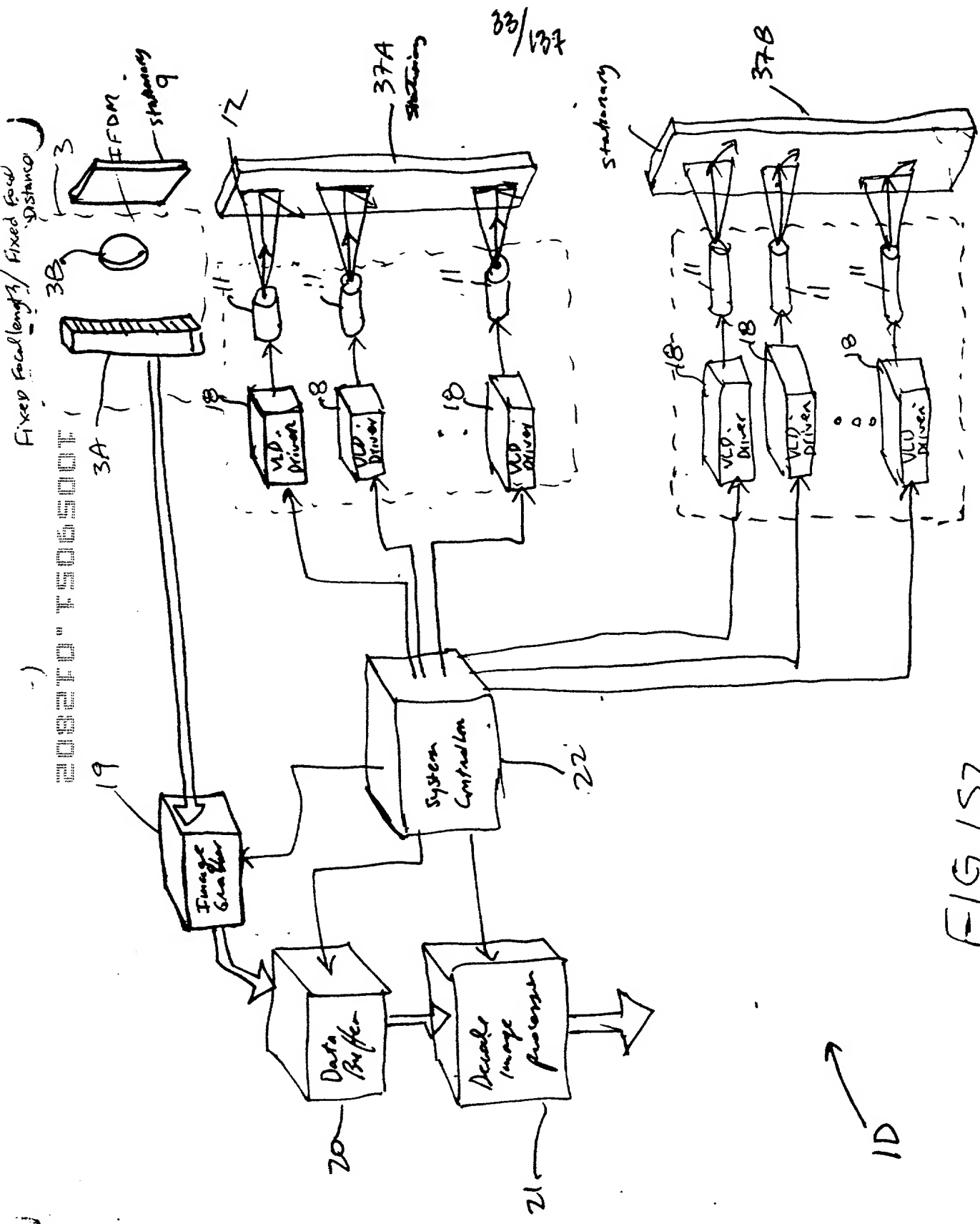


Fig. 152

1D

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208270 "T506500T

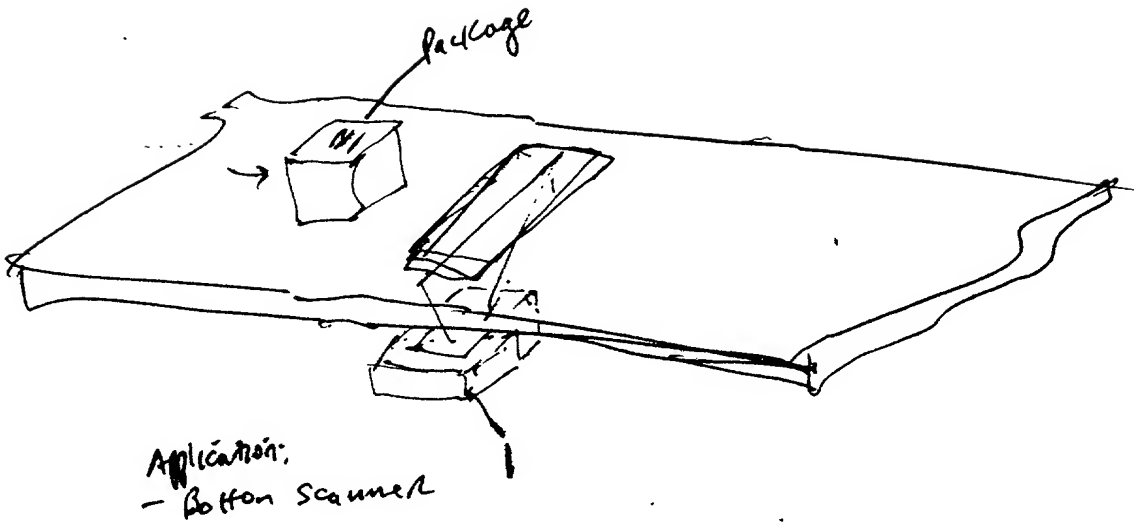
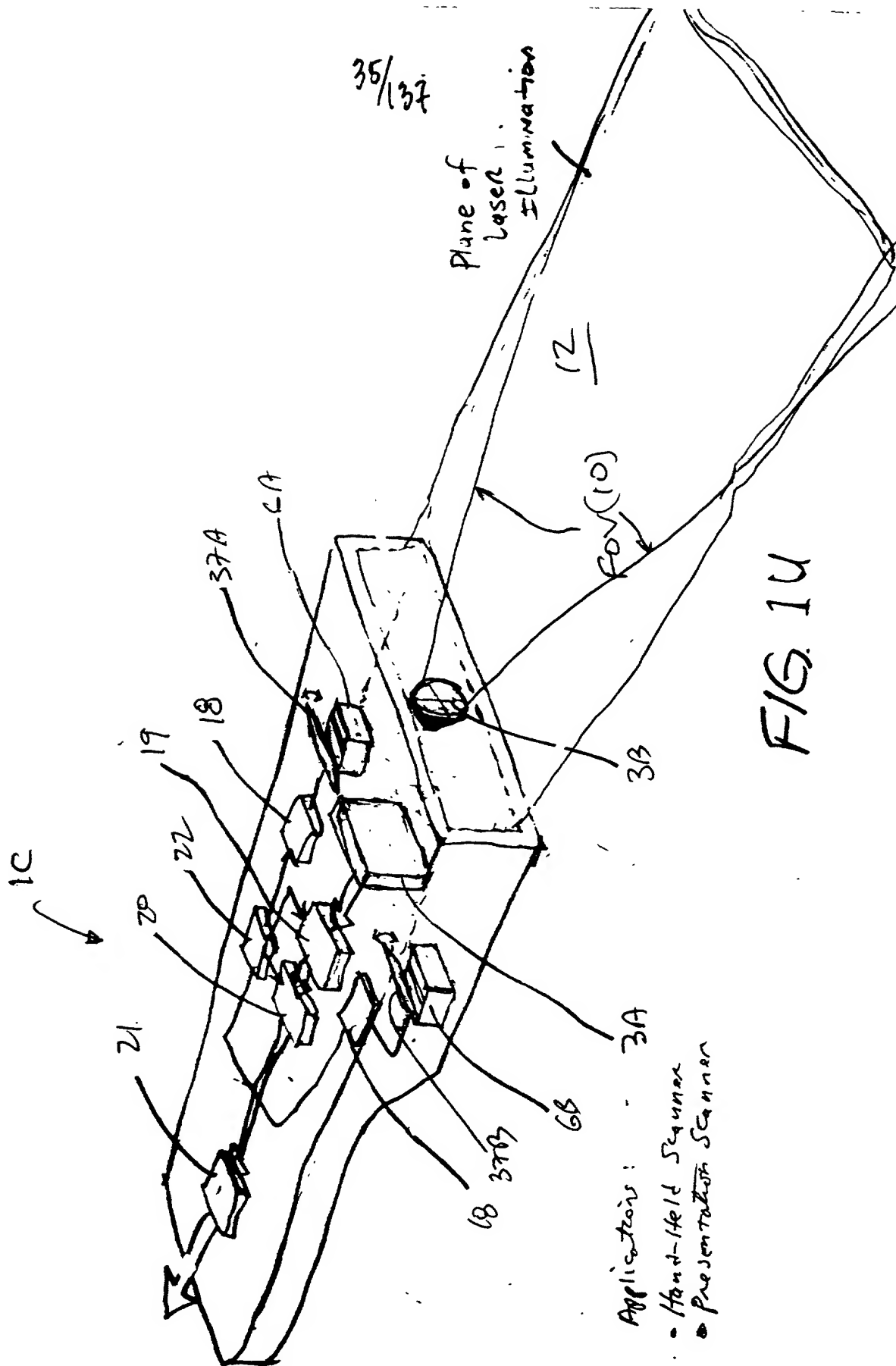


FIG 1T



Applications:

- Hand-Held Scanner
- Presentation Scanner

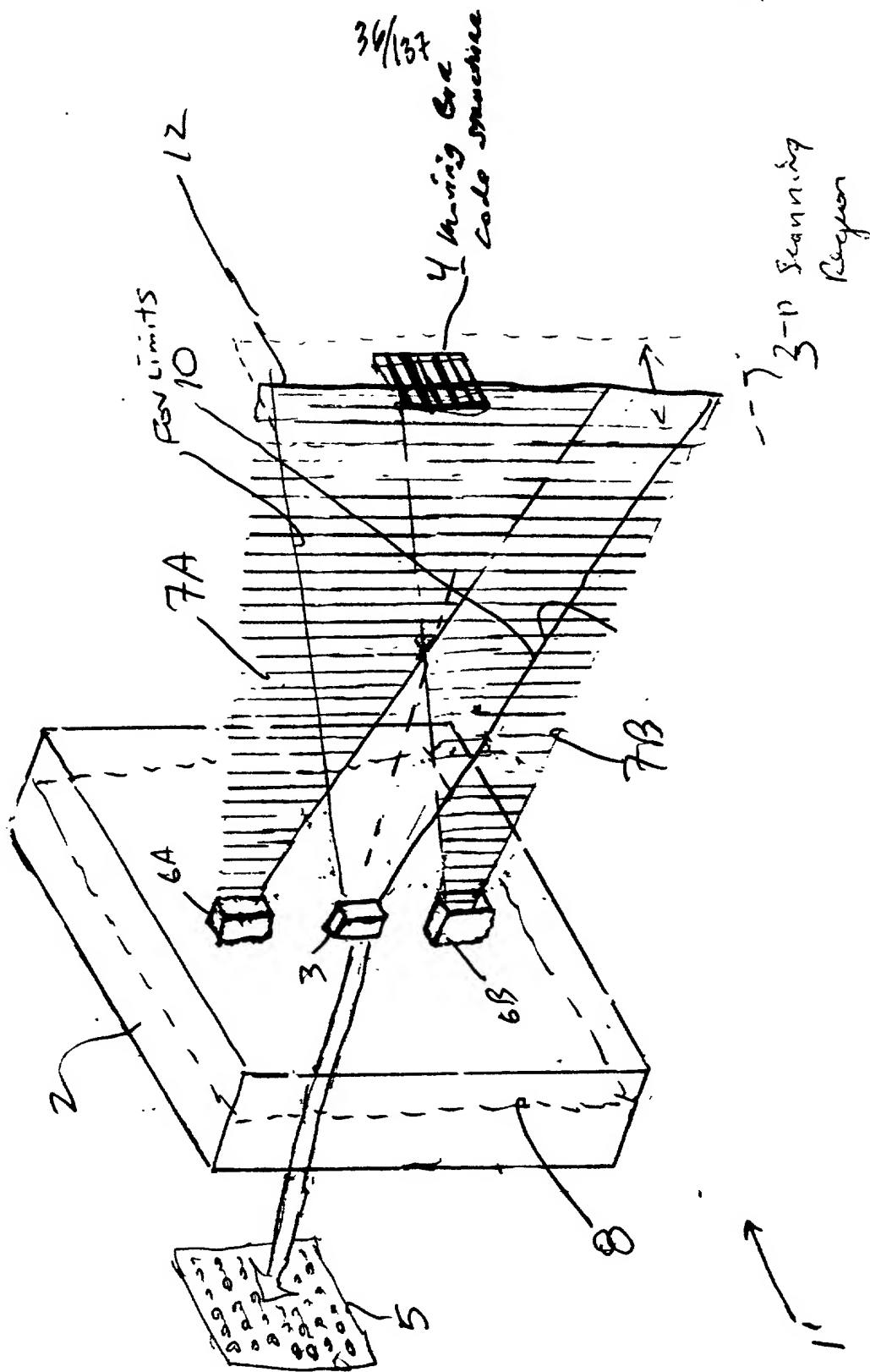


FIG. IVI

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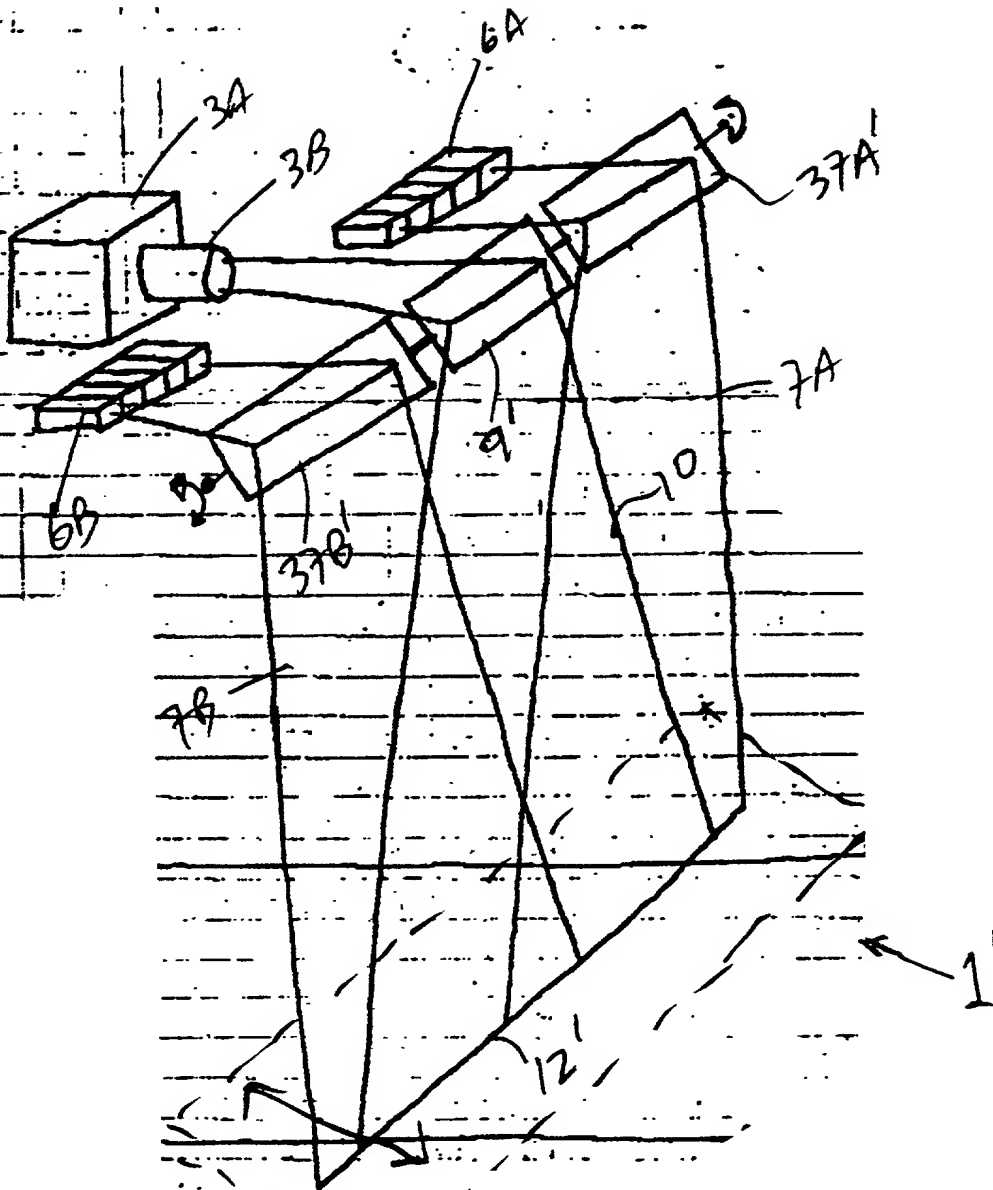
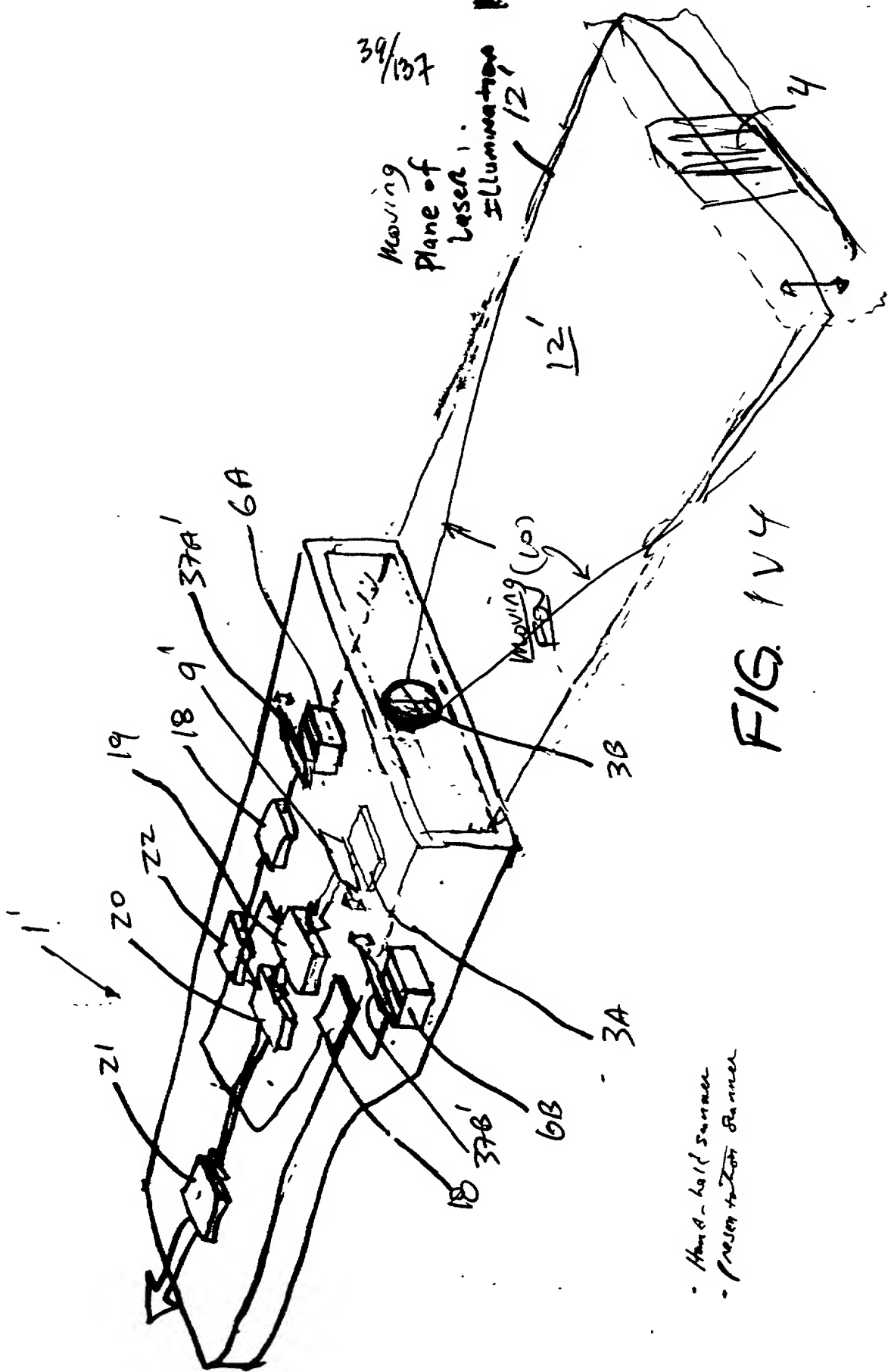


FIG. IV2

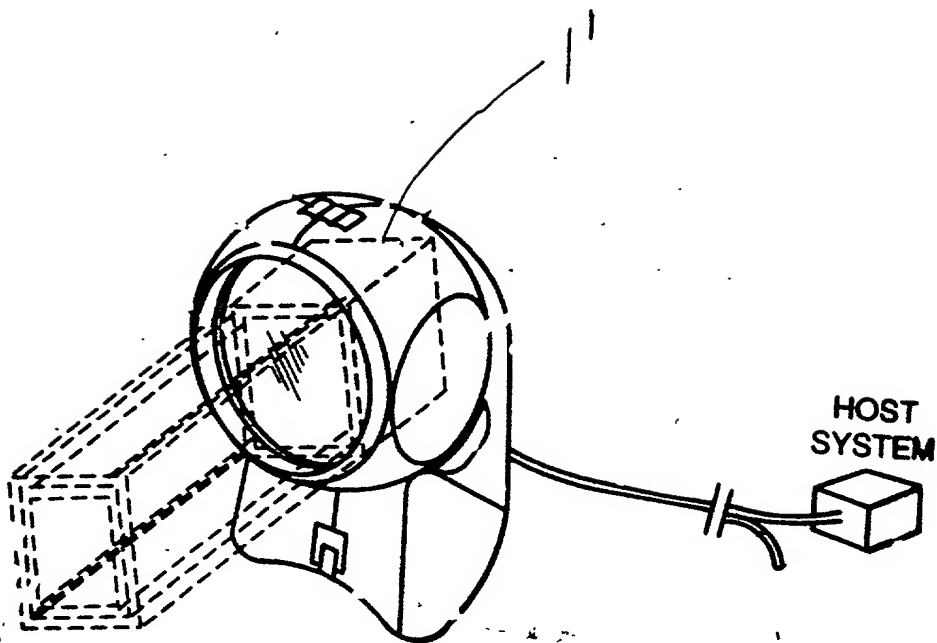


- Hand-held banner
- Presentation banner

FIG. 1V4

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208210 "TS06500T



(Presentation type scanner)

FIG. 1 V5

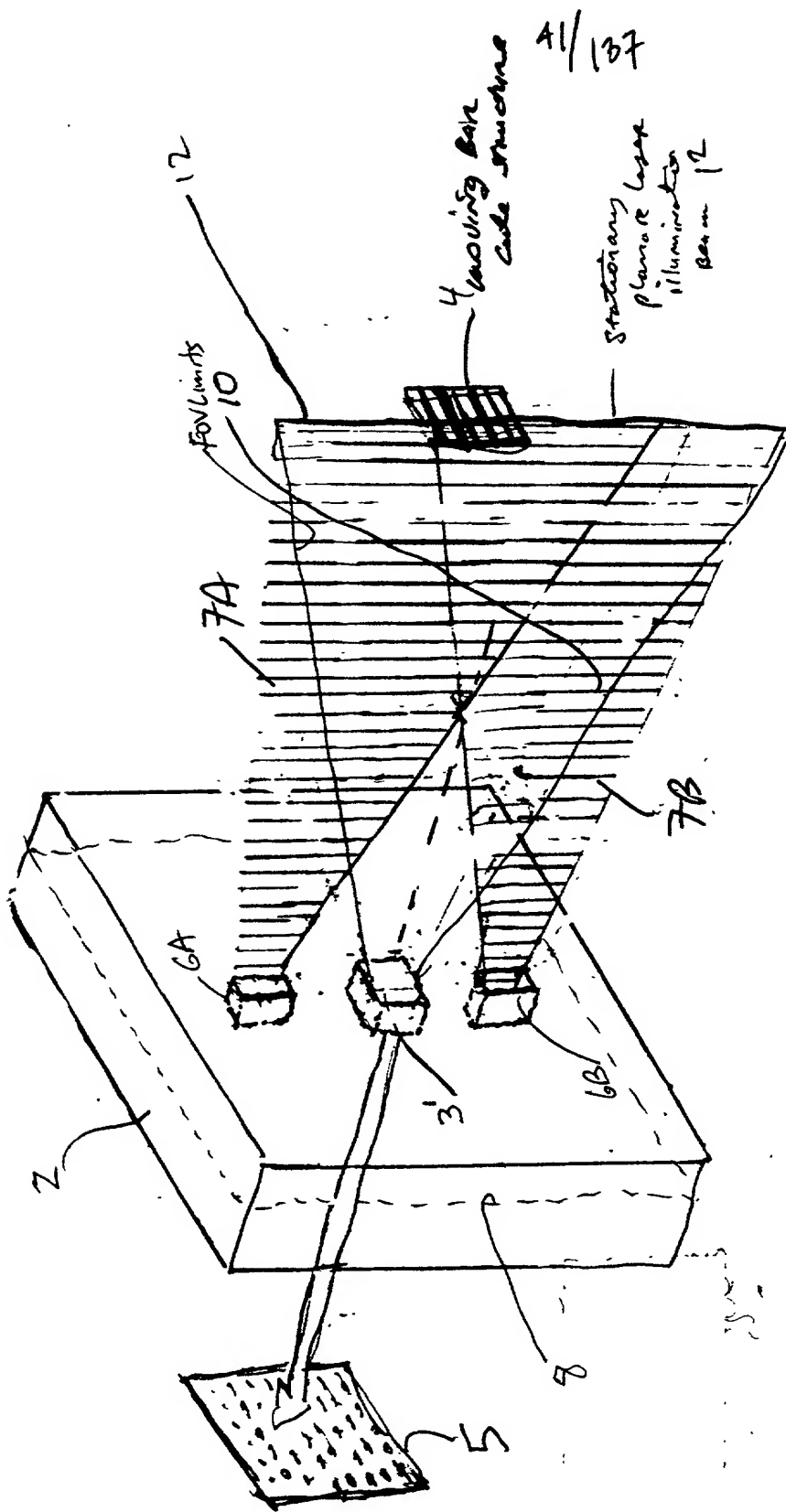


FIG. 2A

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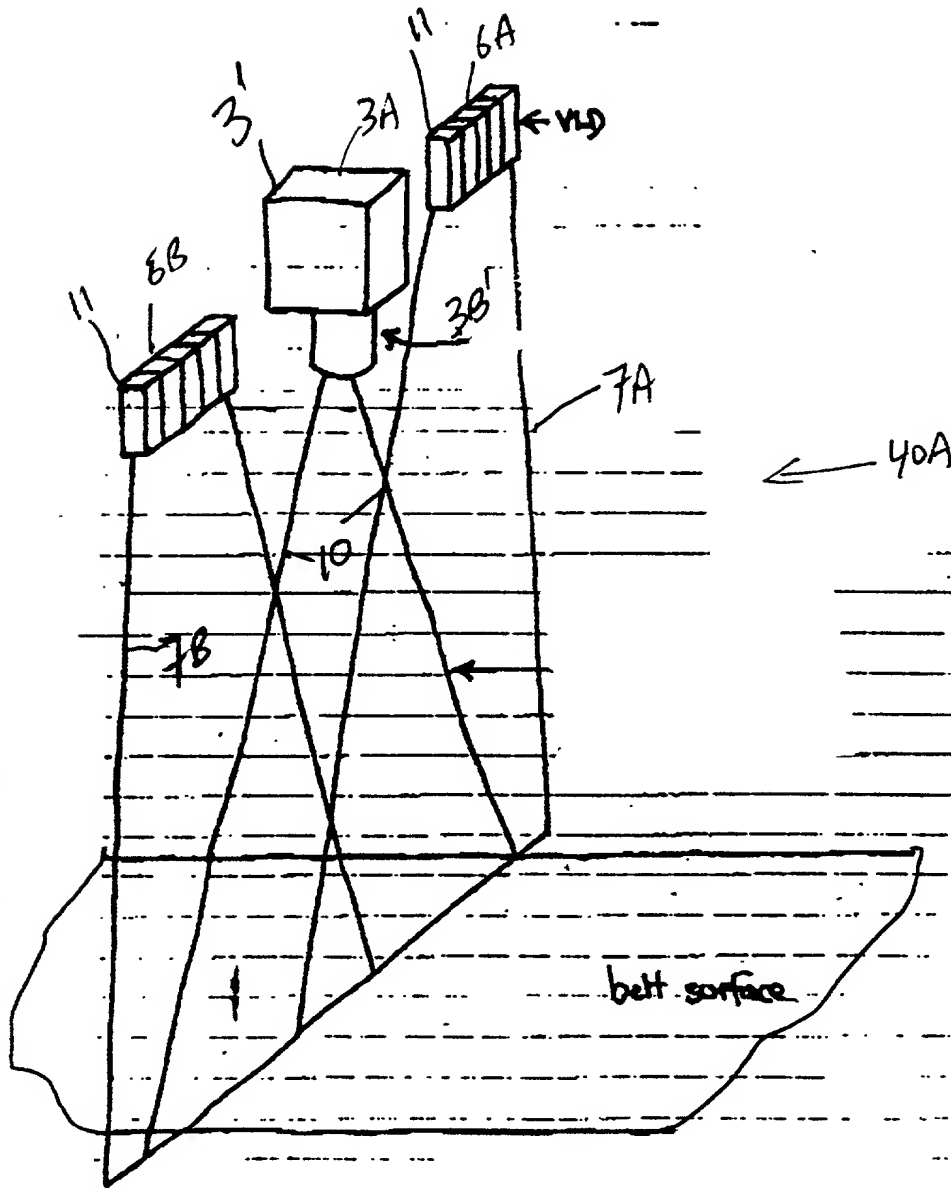


FIG. 2 B1

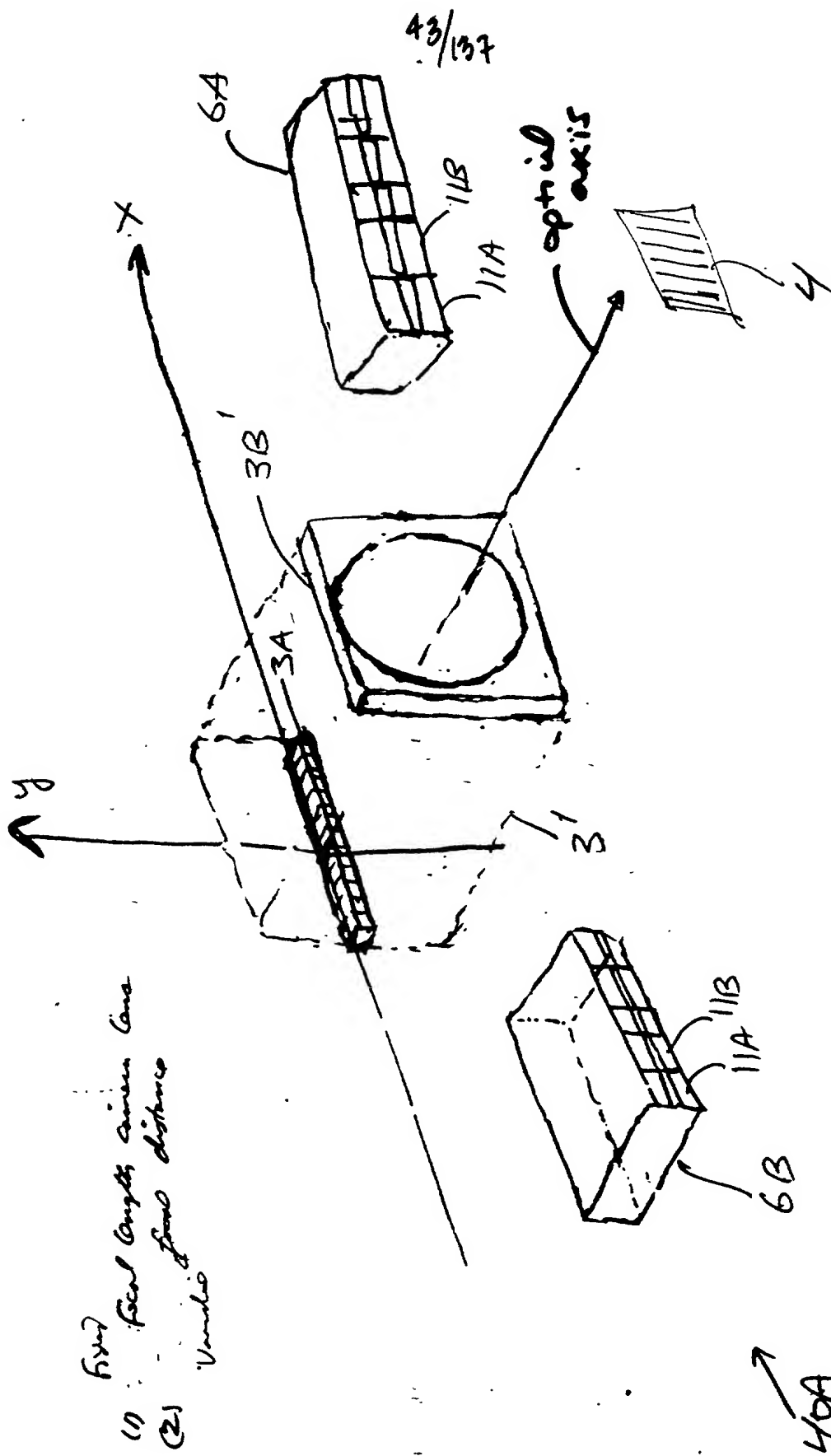


FIG. 2B2

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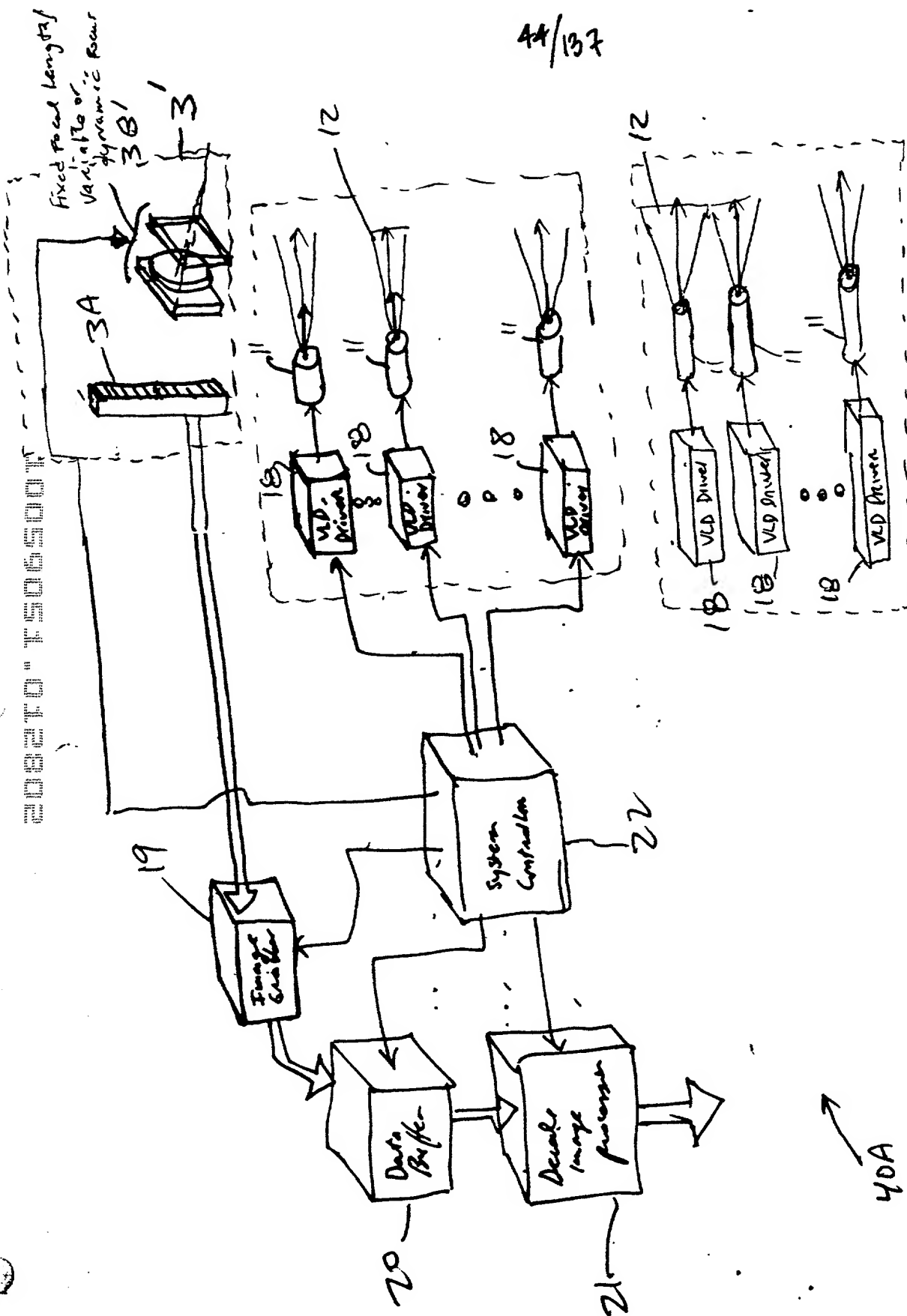


FIG. 2C1

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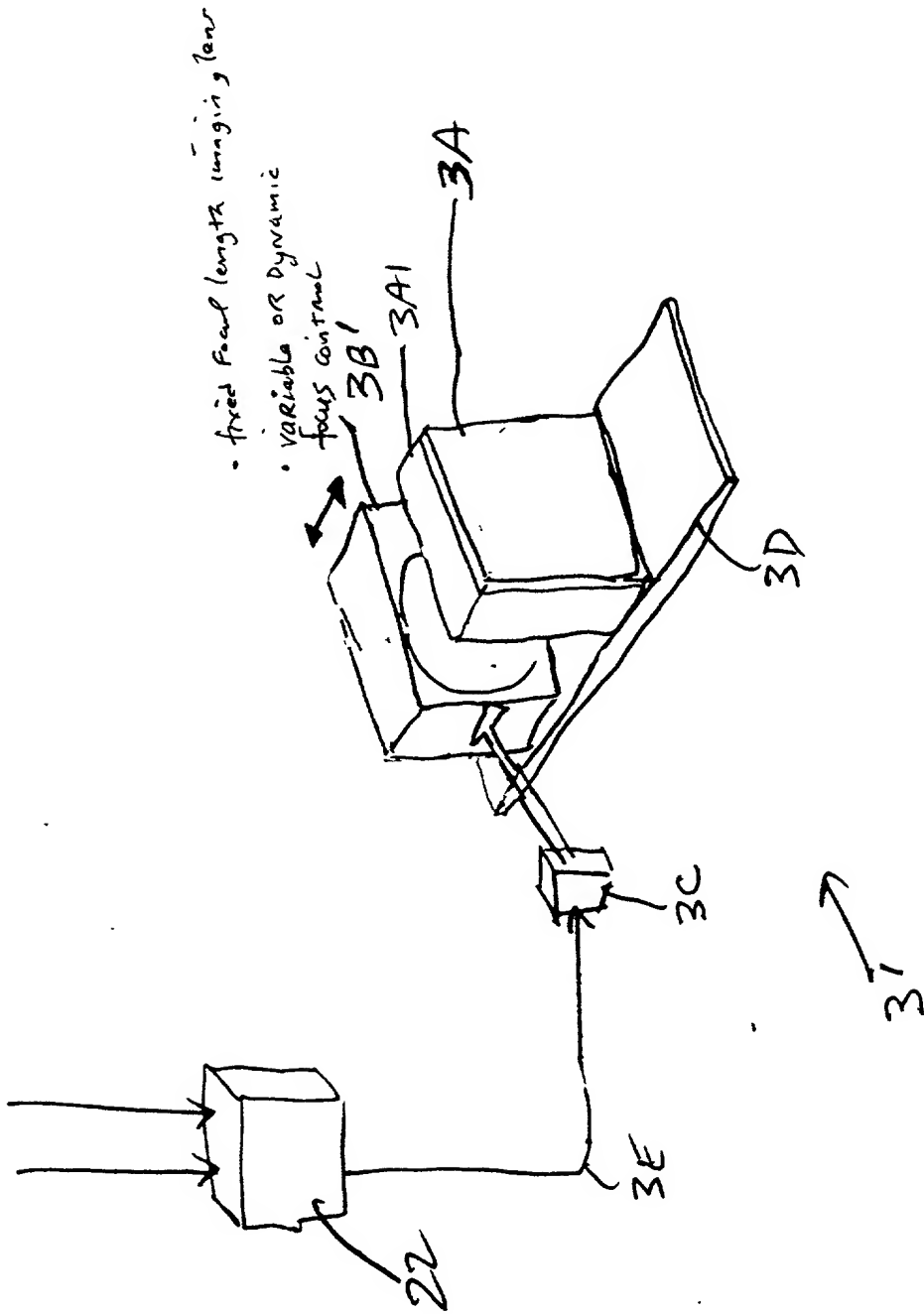
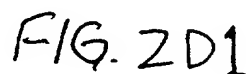


FIG. 2C2

[illegible]

202270 "FS0630"

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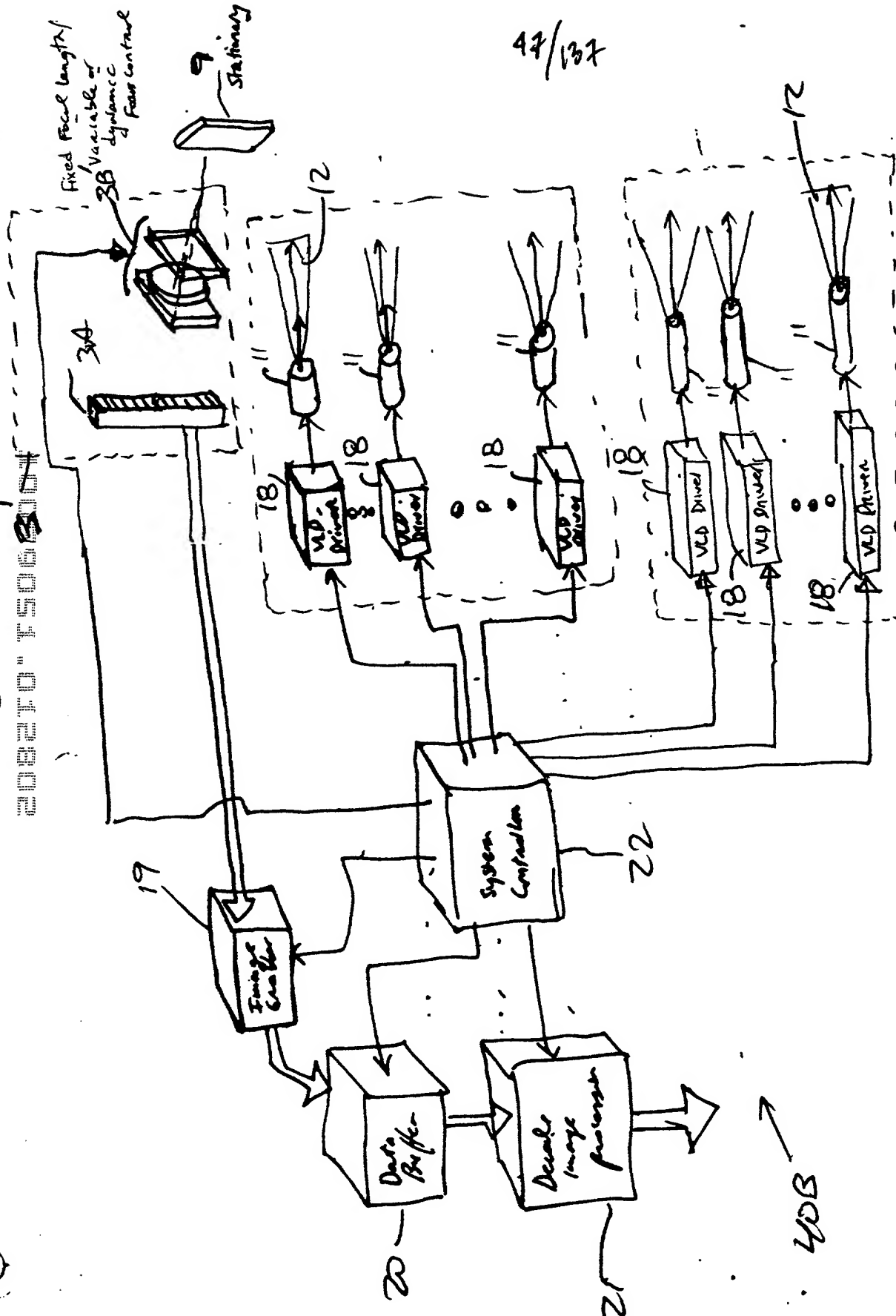


FIG. 2D2



2022075065001

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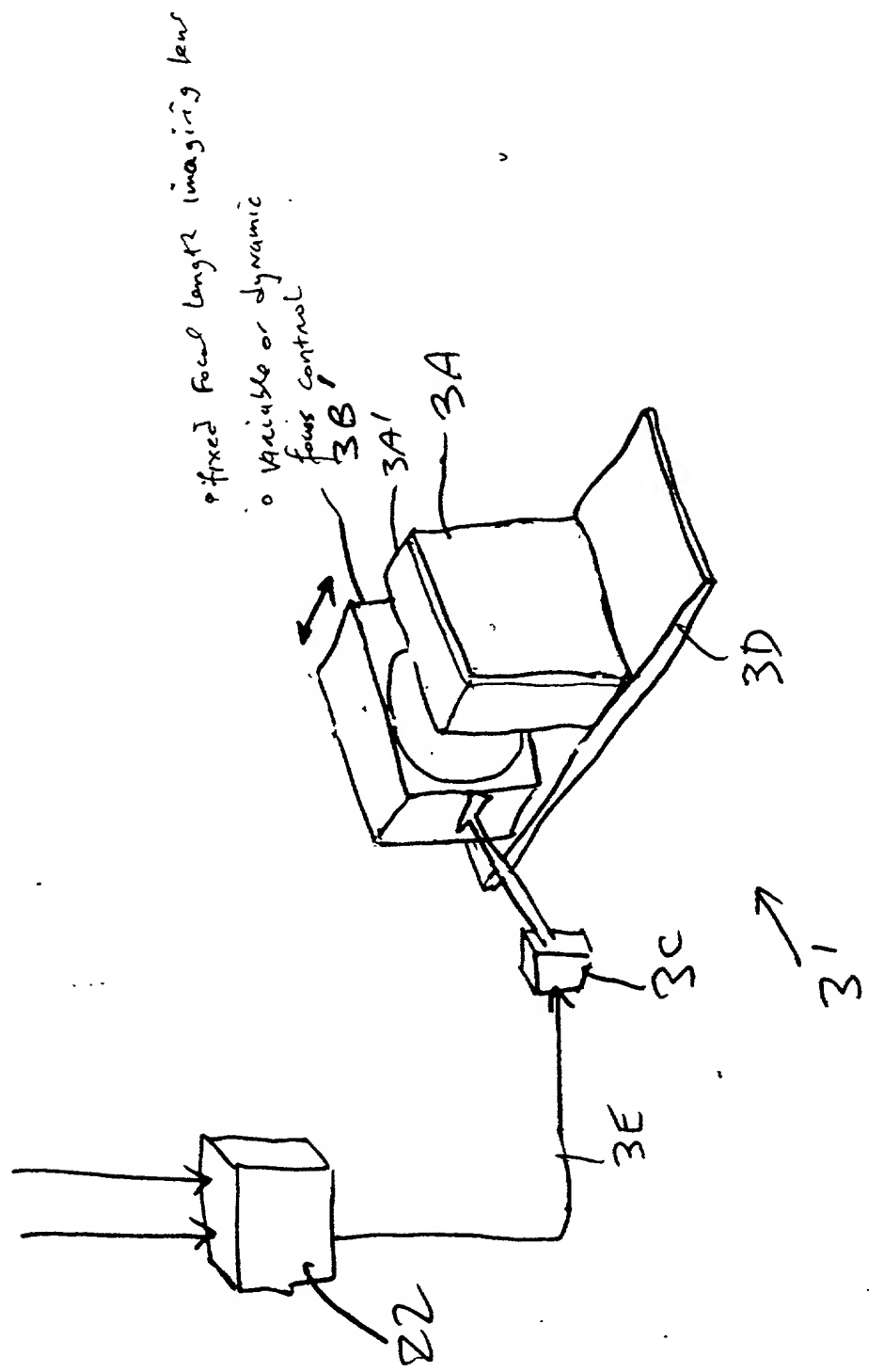


FIG. 2D3

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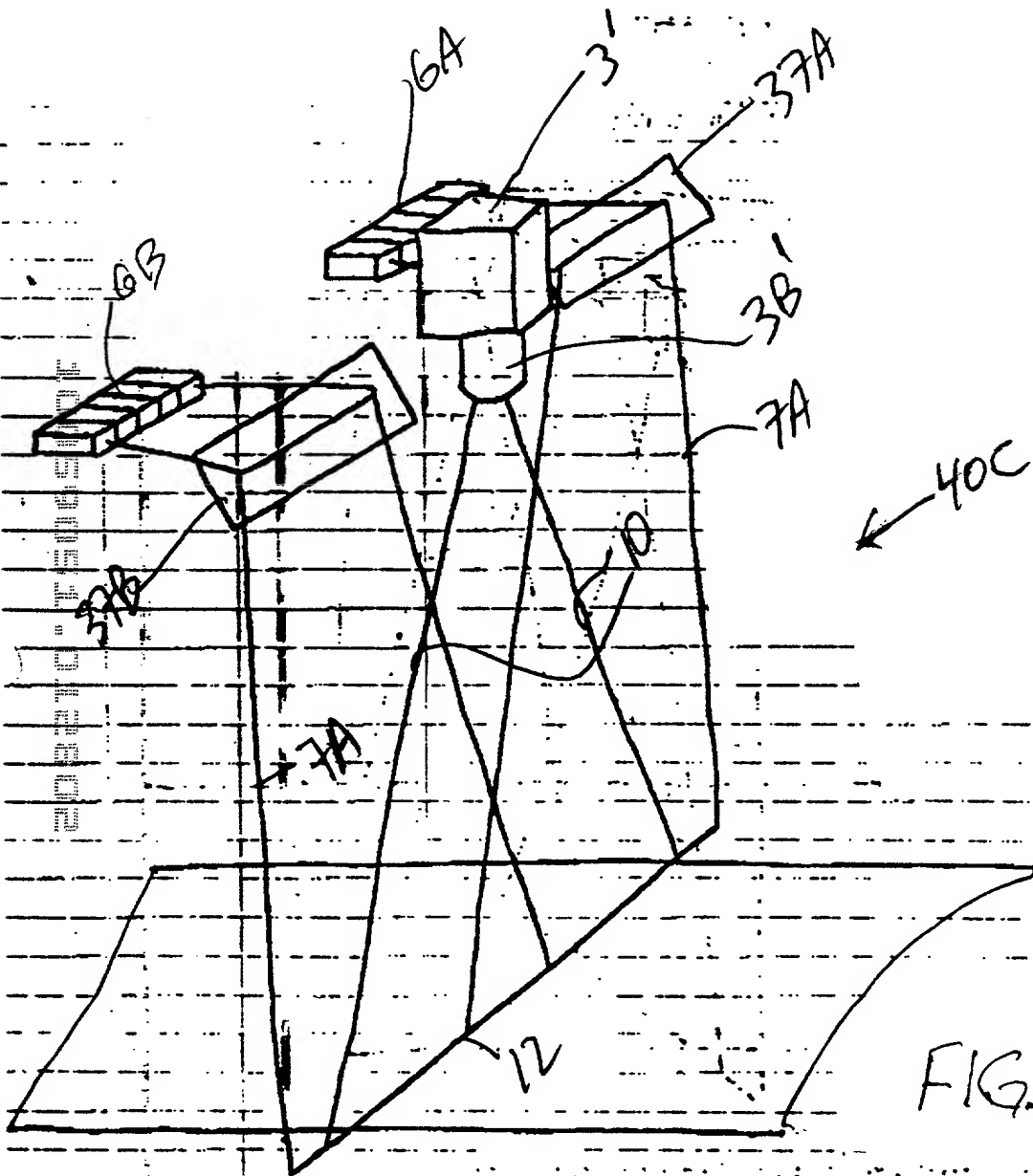


FIG. 2E1

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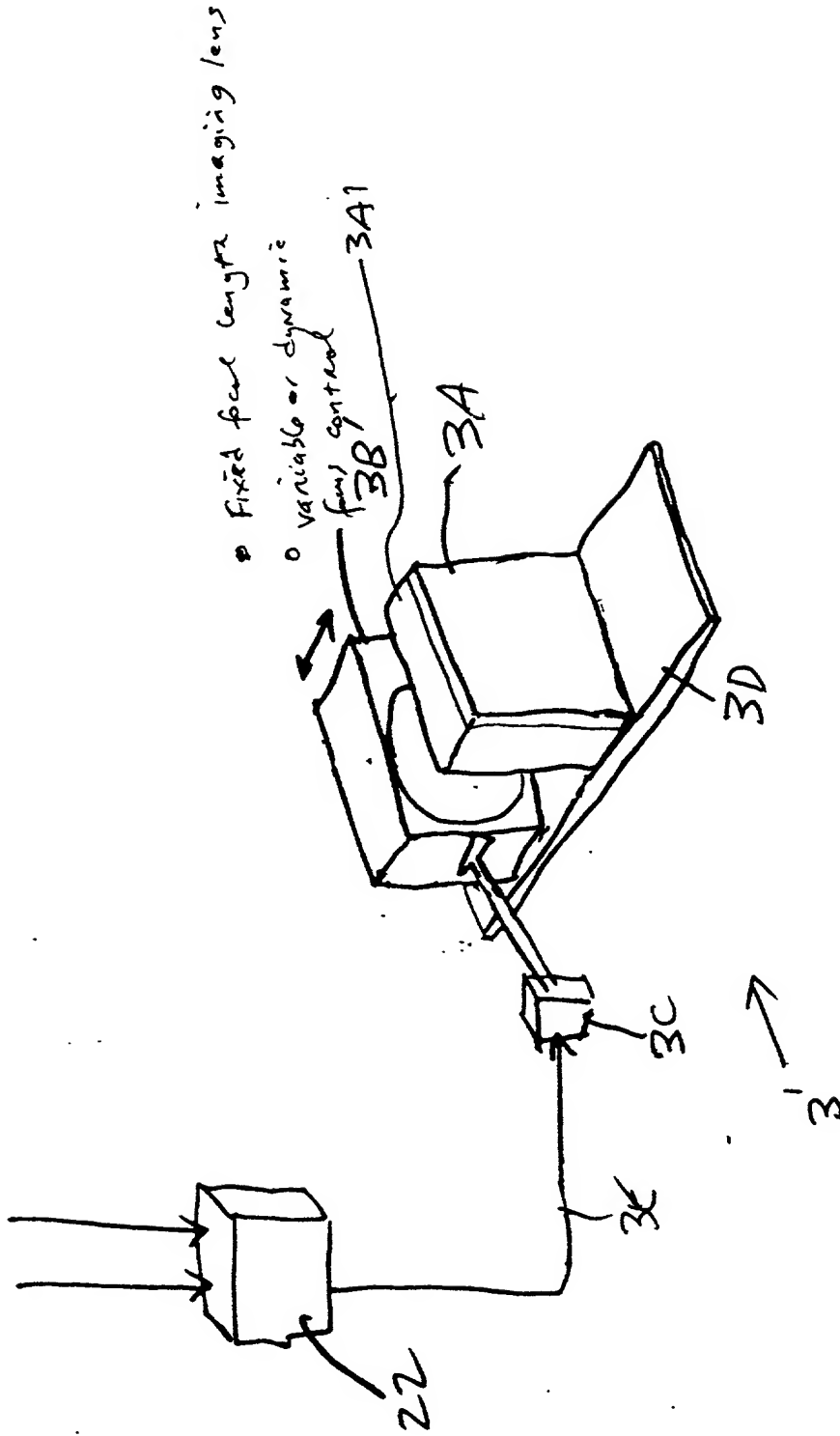


FIG. 2E3

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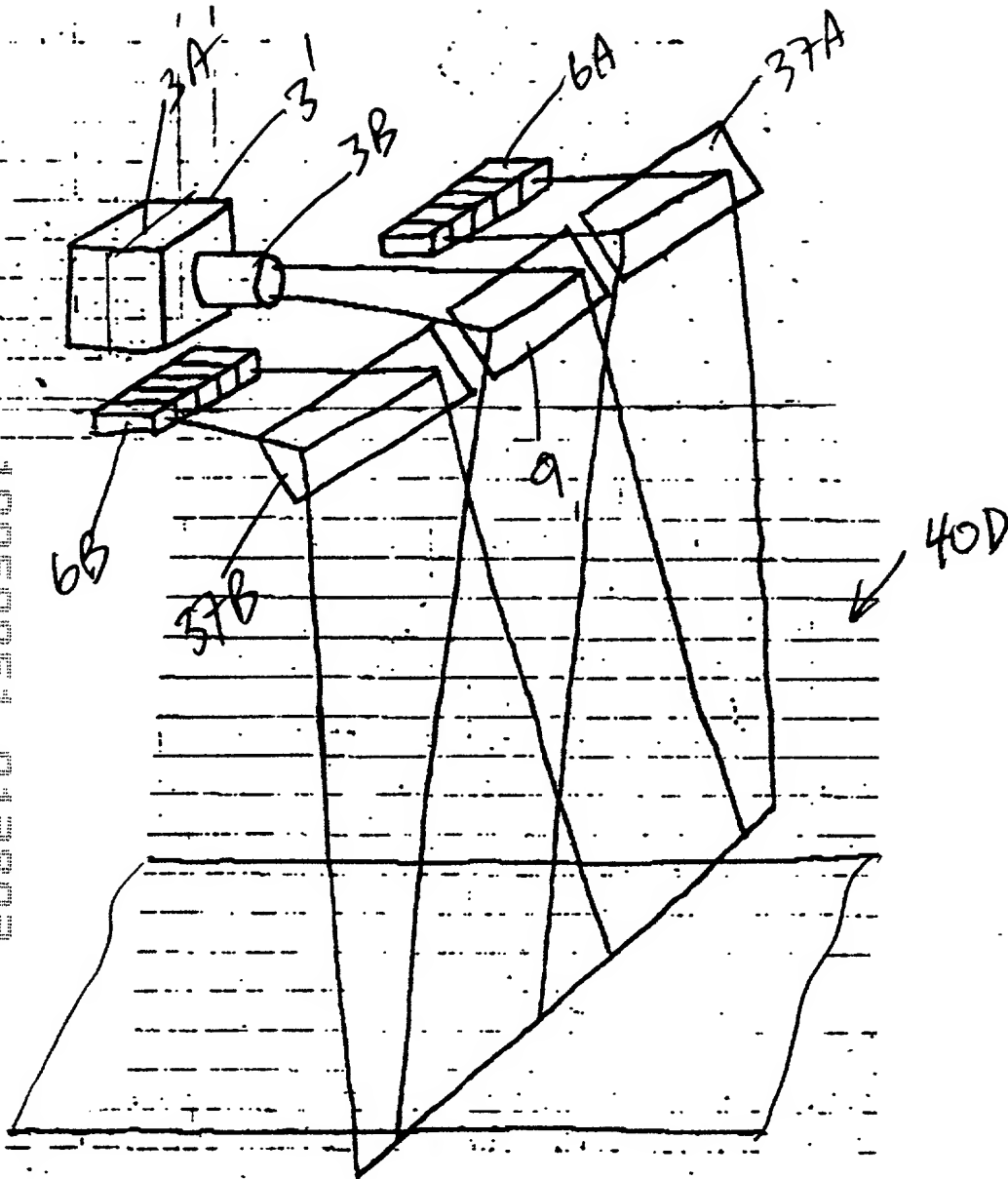


FIG. 2F1

2082FO"TSO0001

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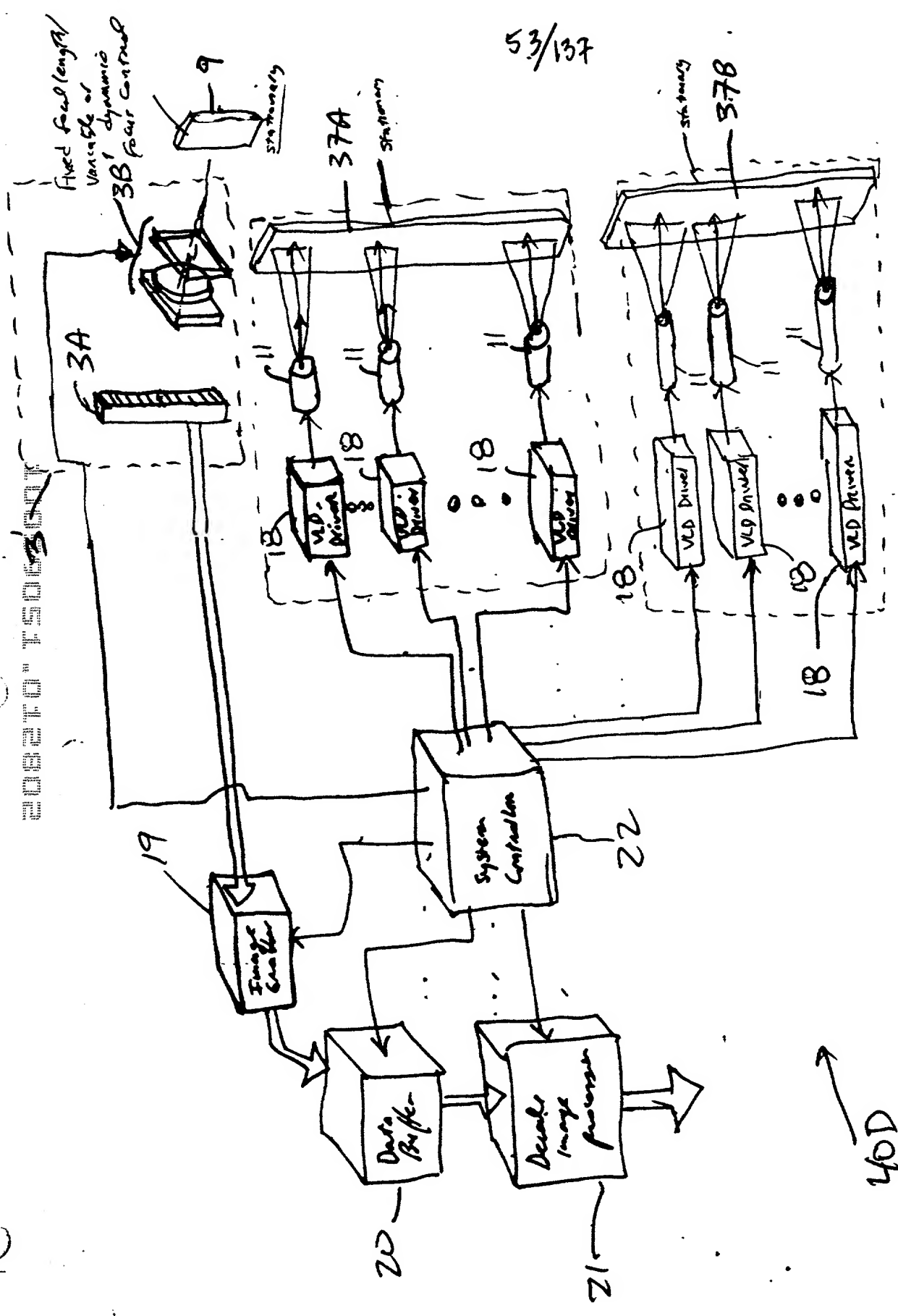


FIG. 2F2

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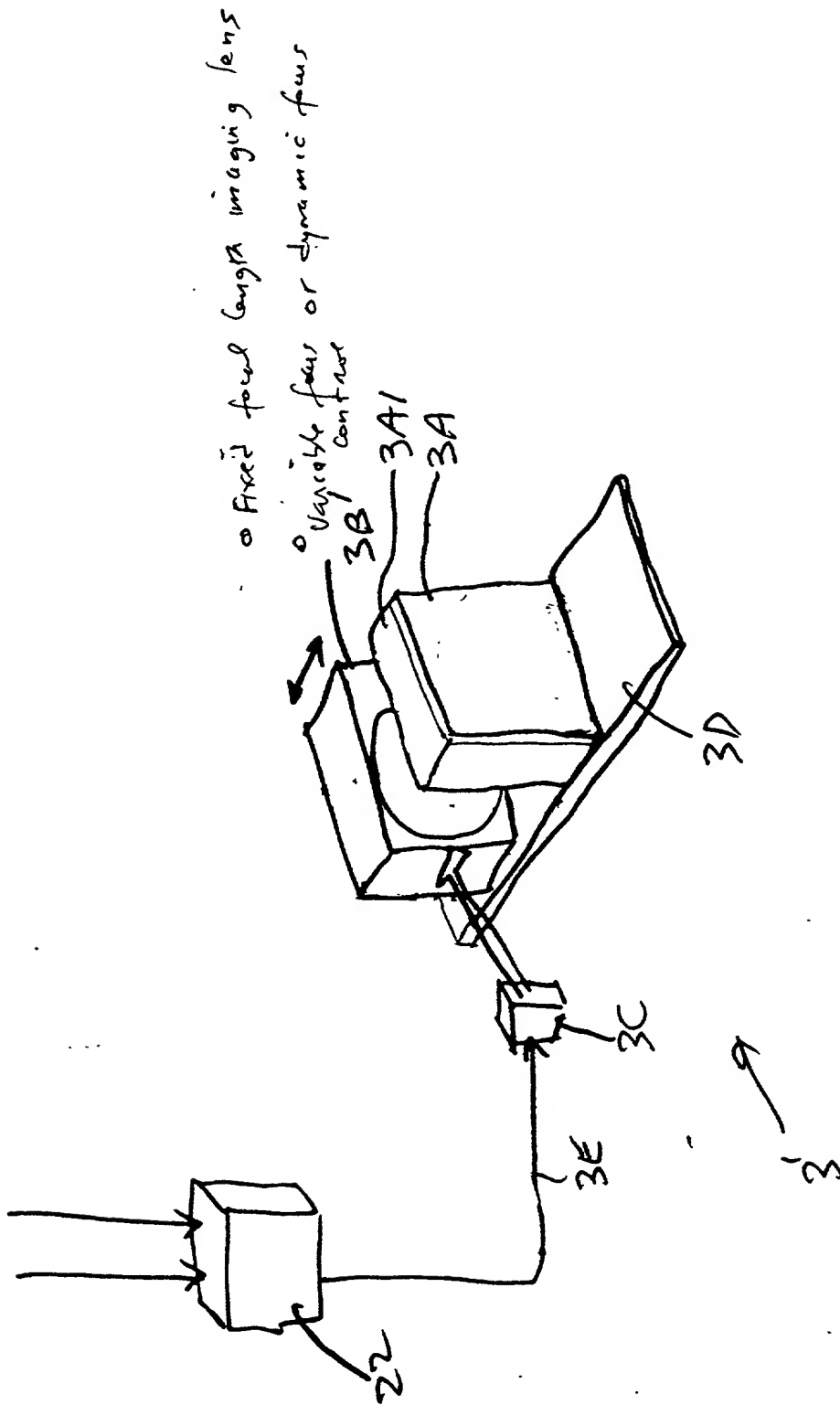


FIG. 2F3

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Top Conveyor Scanner:

- fixed focal length imaging lens
- variable focal distance control

Side Conveyor Scanner:

- fixed focal length imaging lens
- dynamic focal distance control

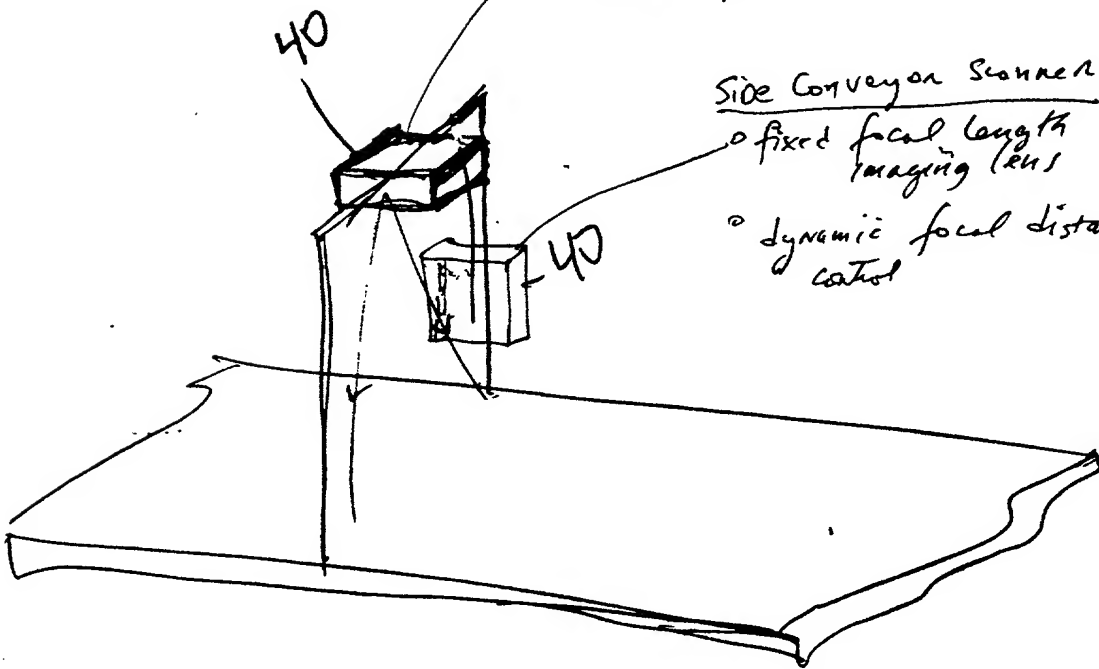


FIG. 2G

20250510 15065001

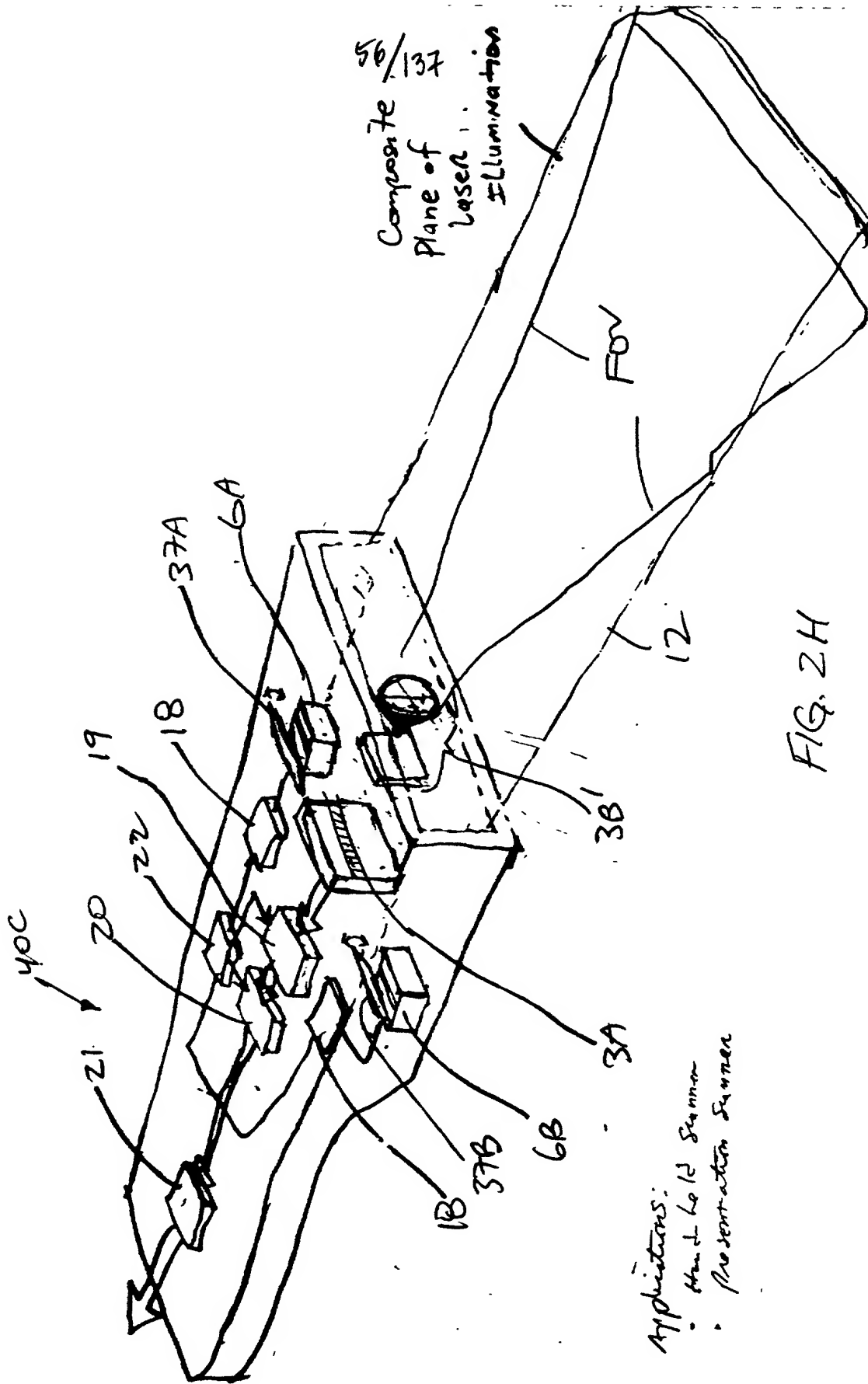


FIG. 2H

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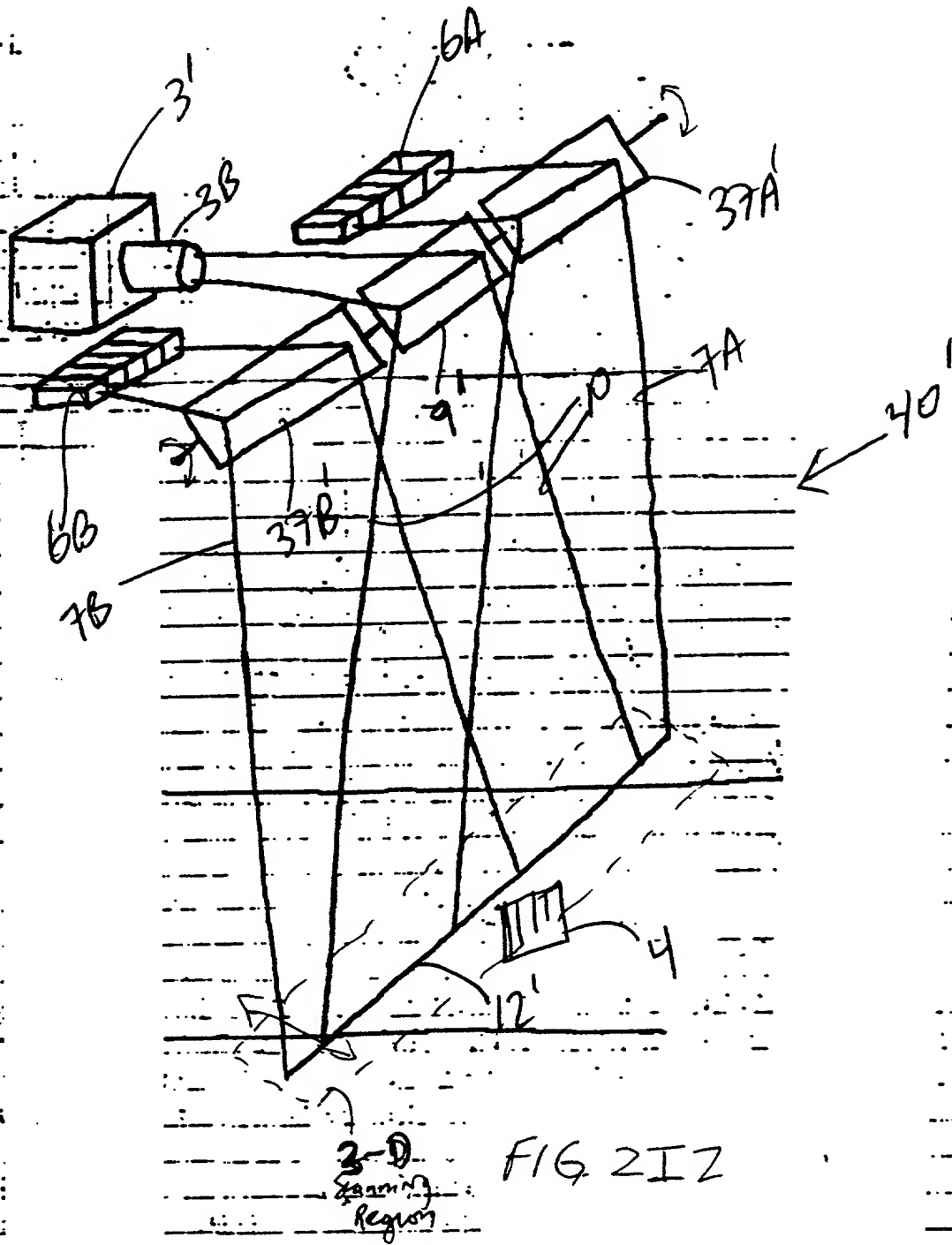


FIG 2I2

05



FIG. 2I3

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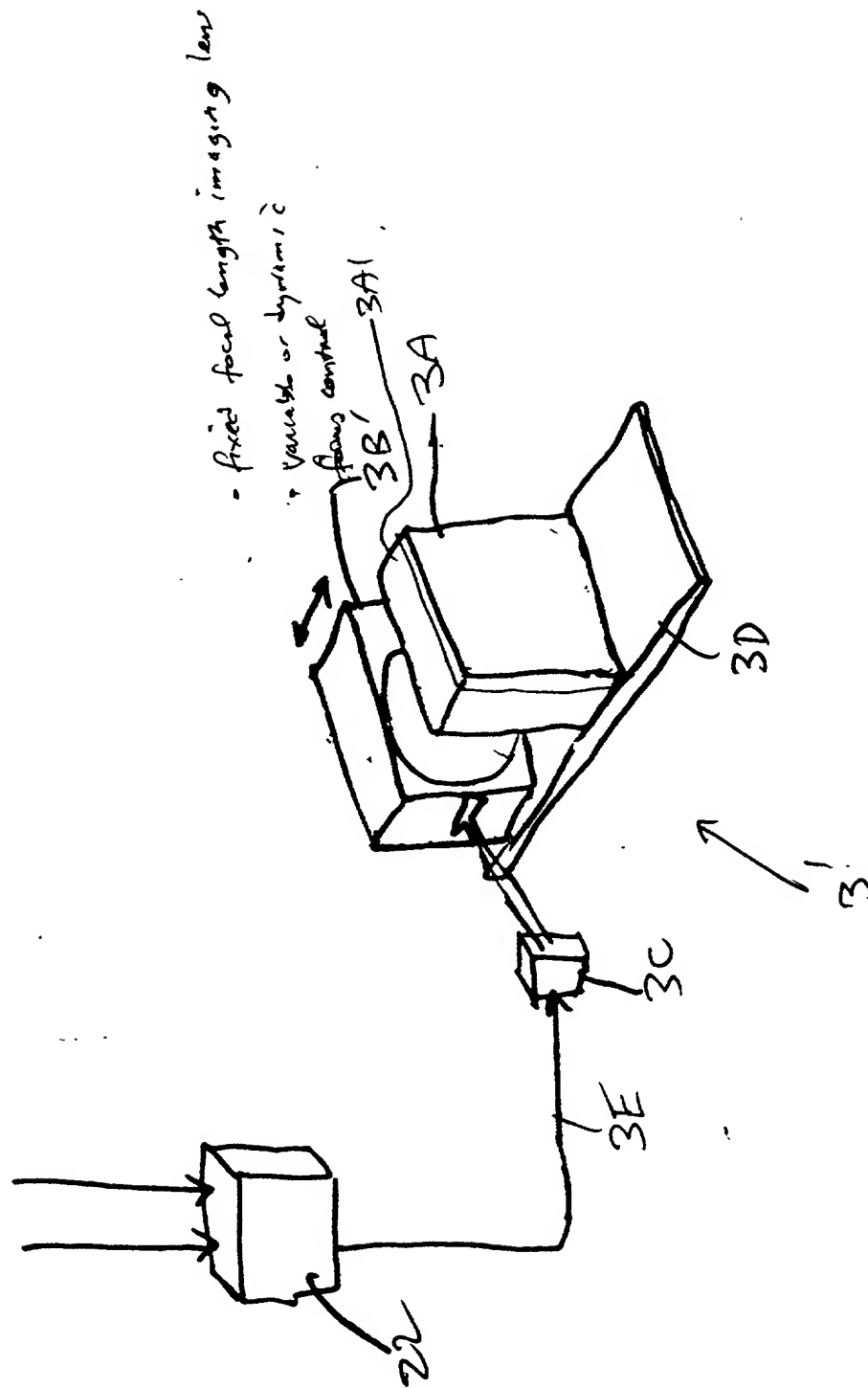


FIG. 2I4

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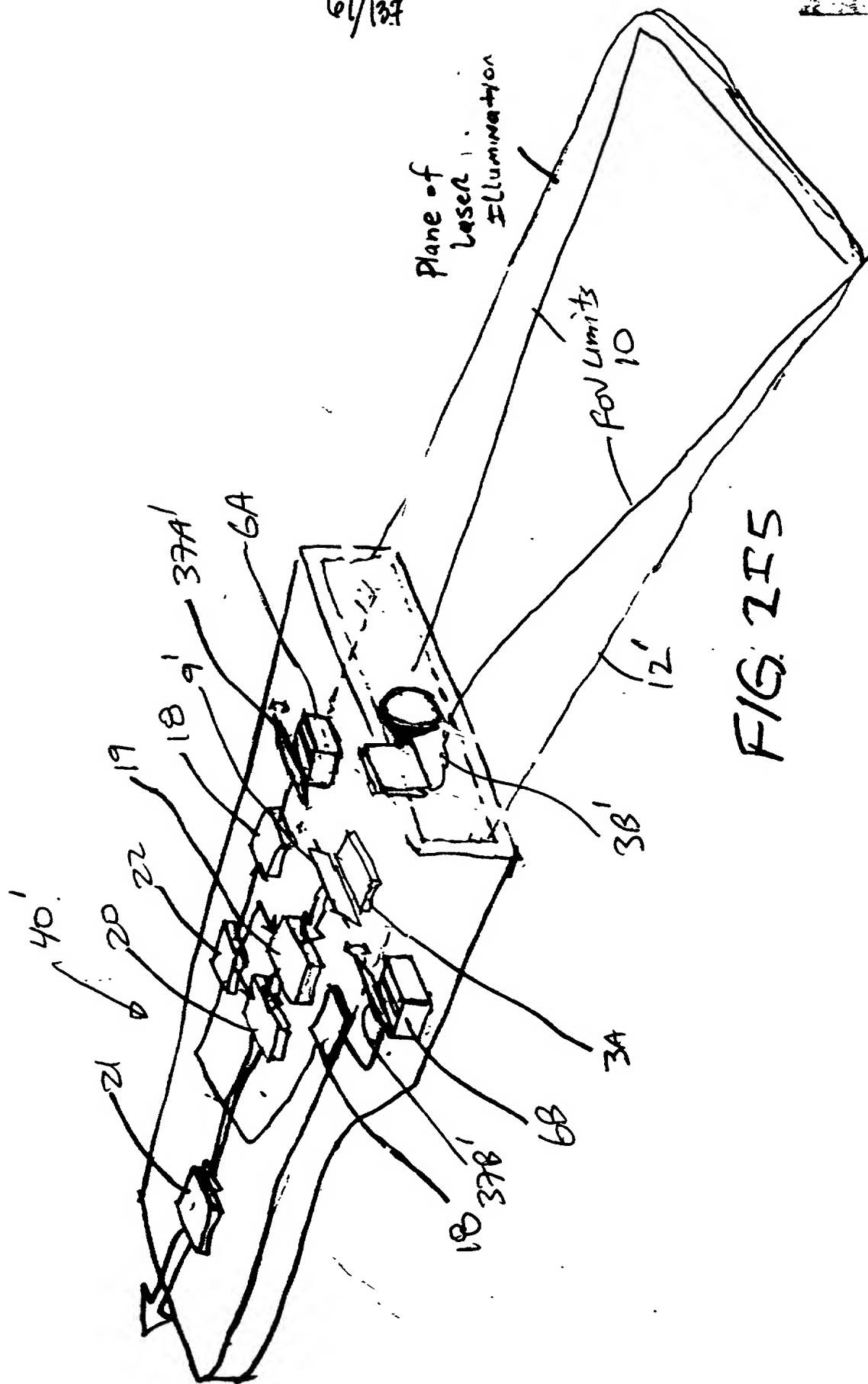


FIG. 215

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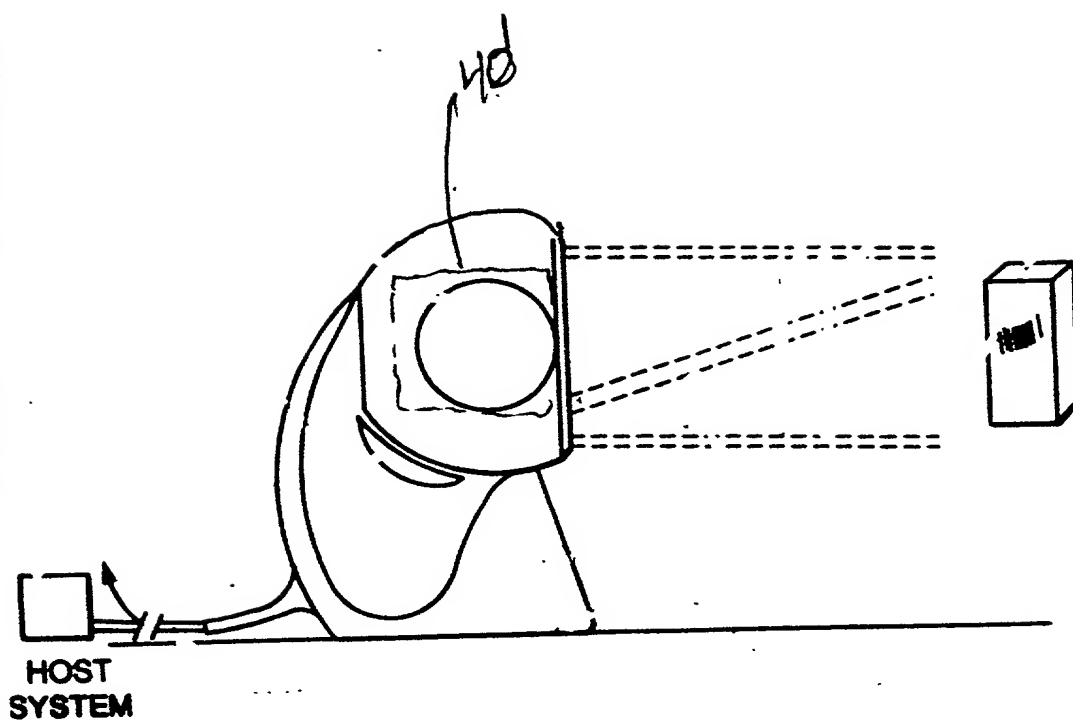


FIG. 2I6

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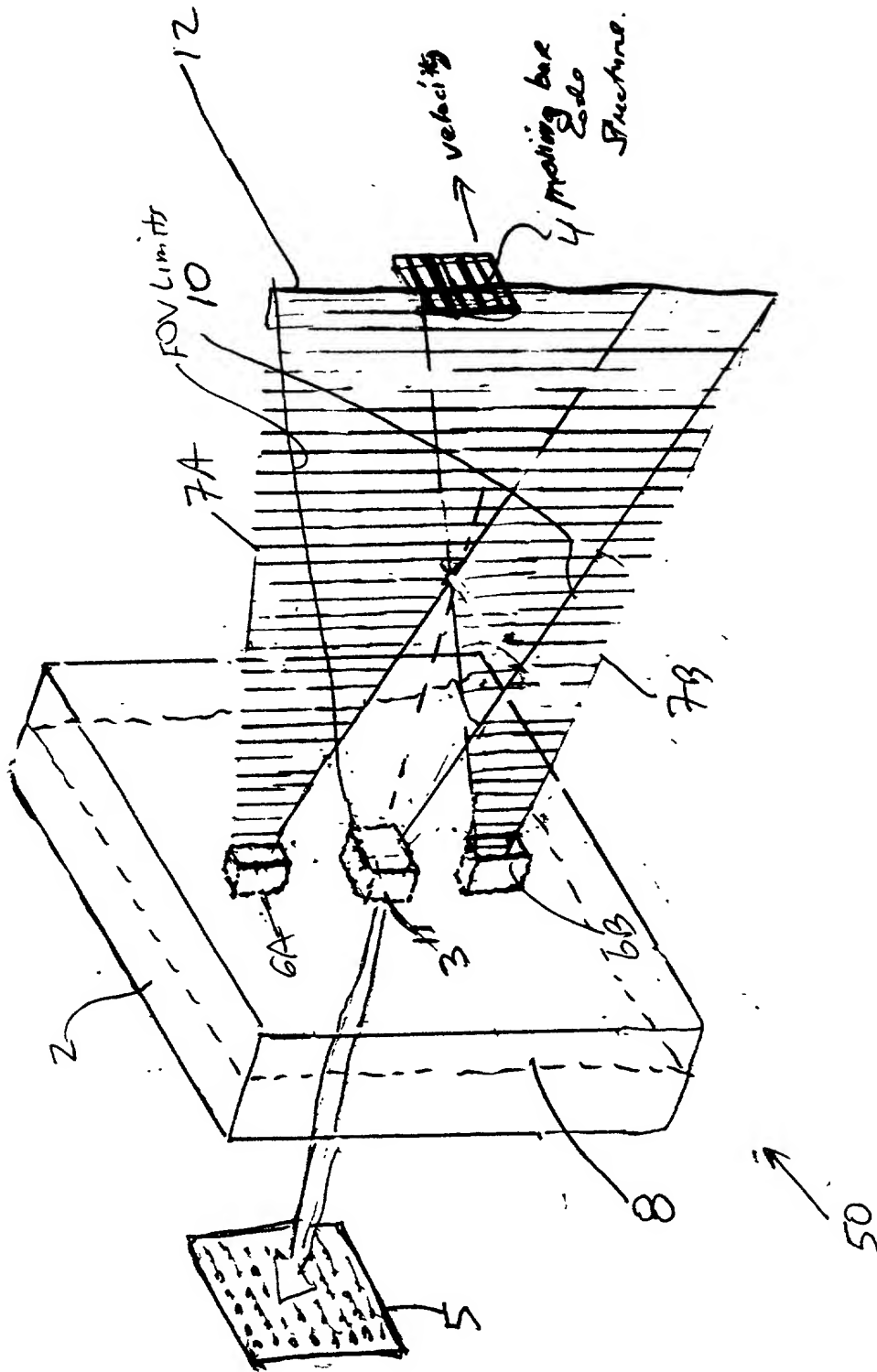


FIG 3A

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1005051042800

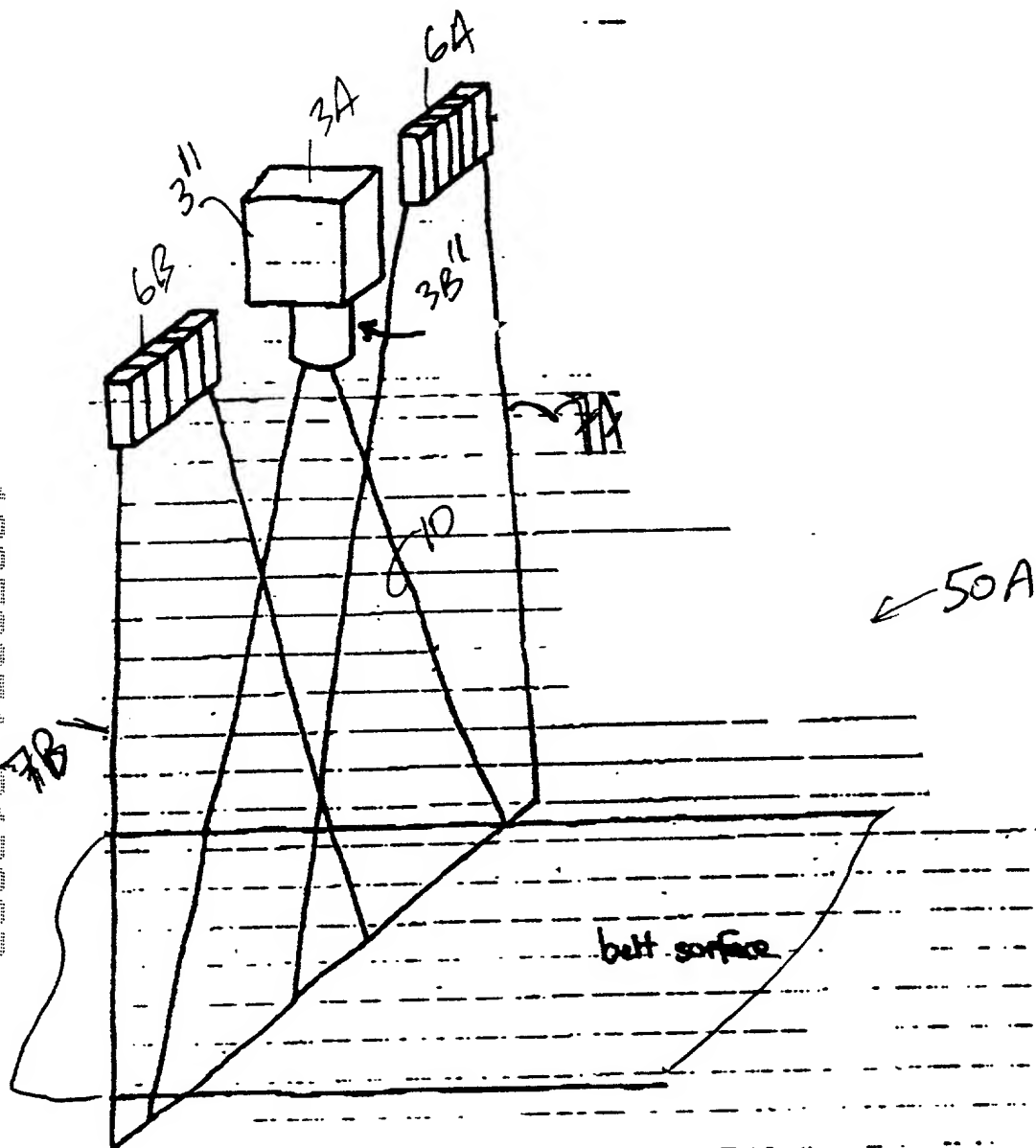


FIG. 3B1

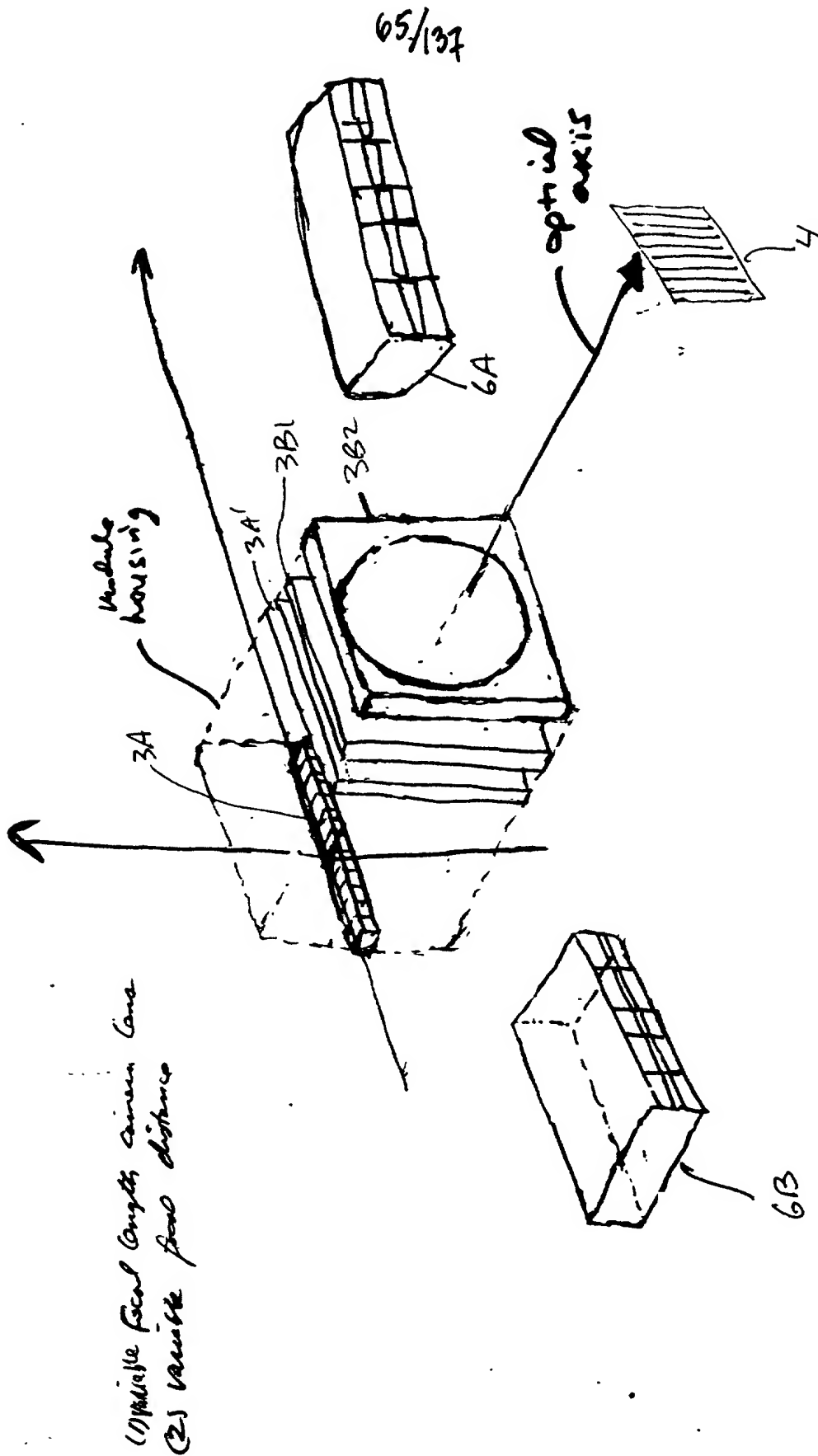


FIG. 3B2

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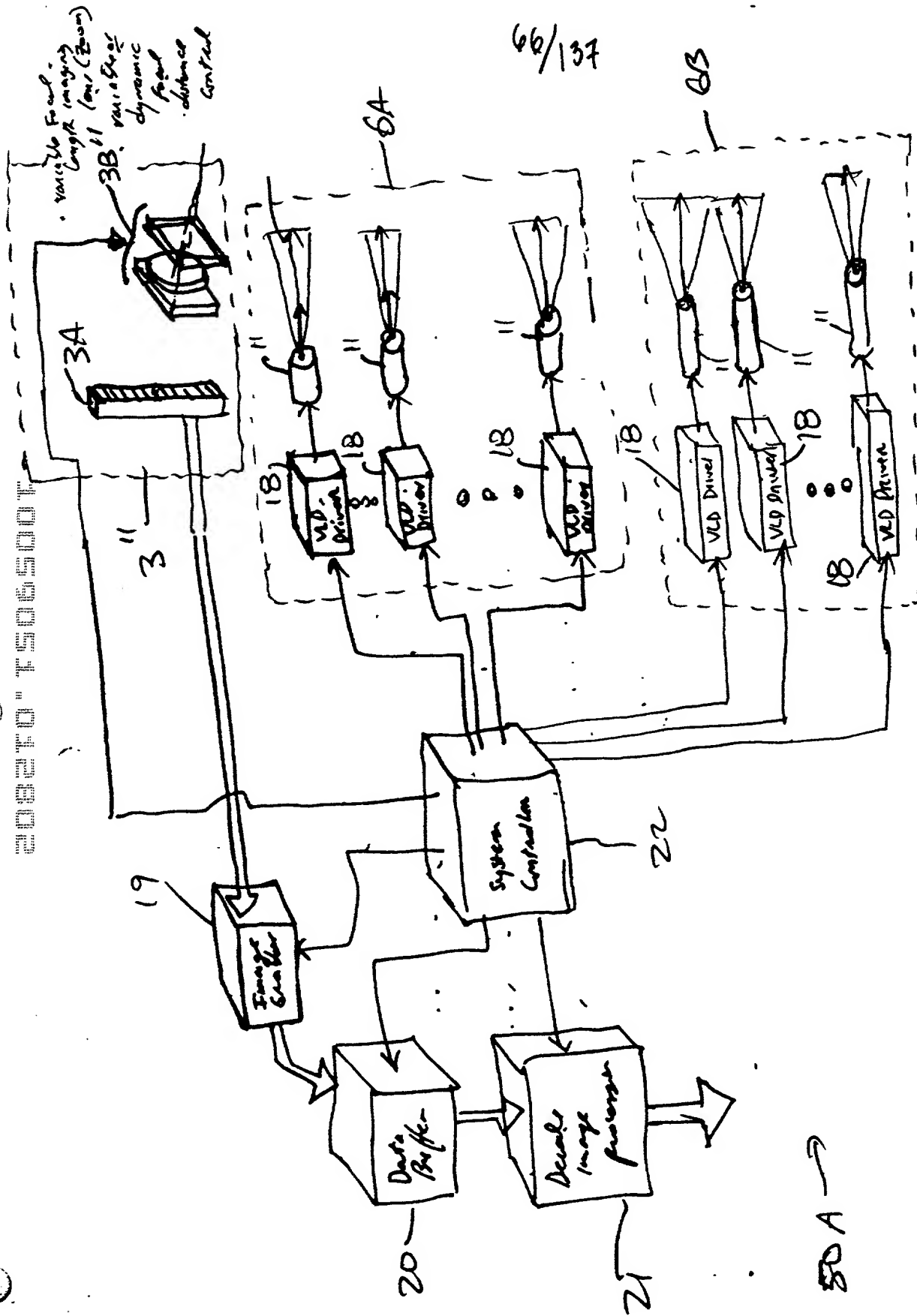
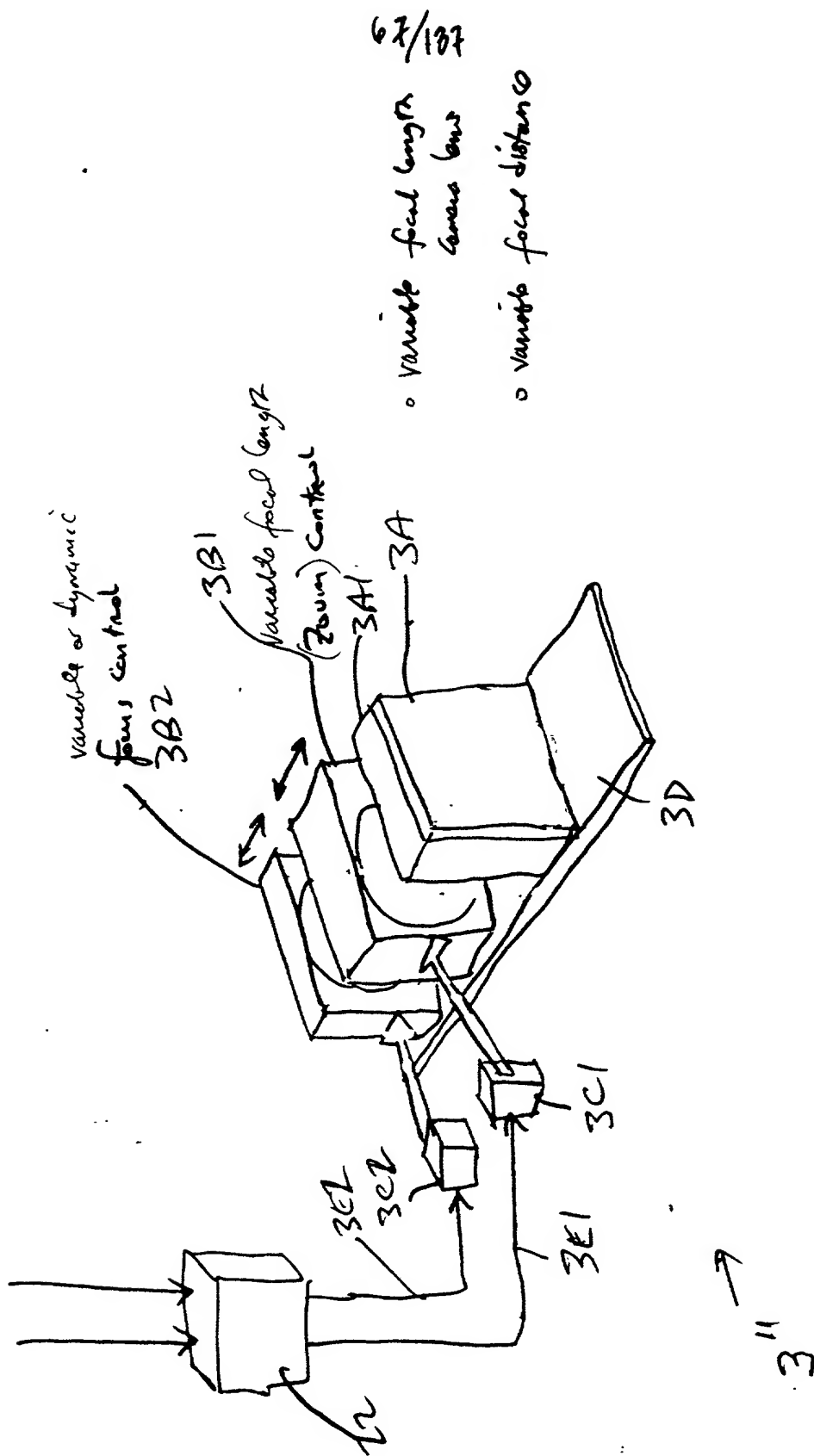


FIG. 3C1



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FIG. 3CZ

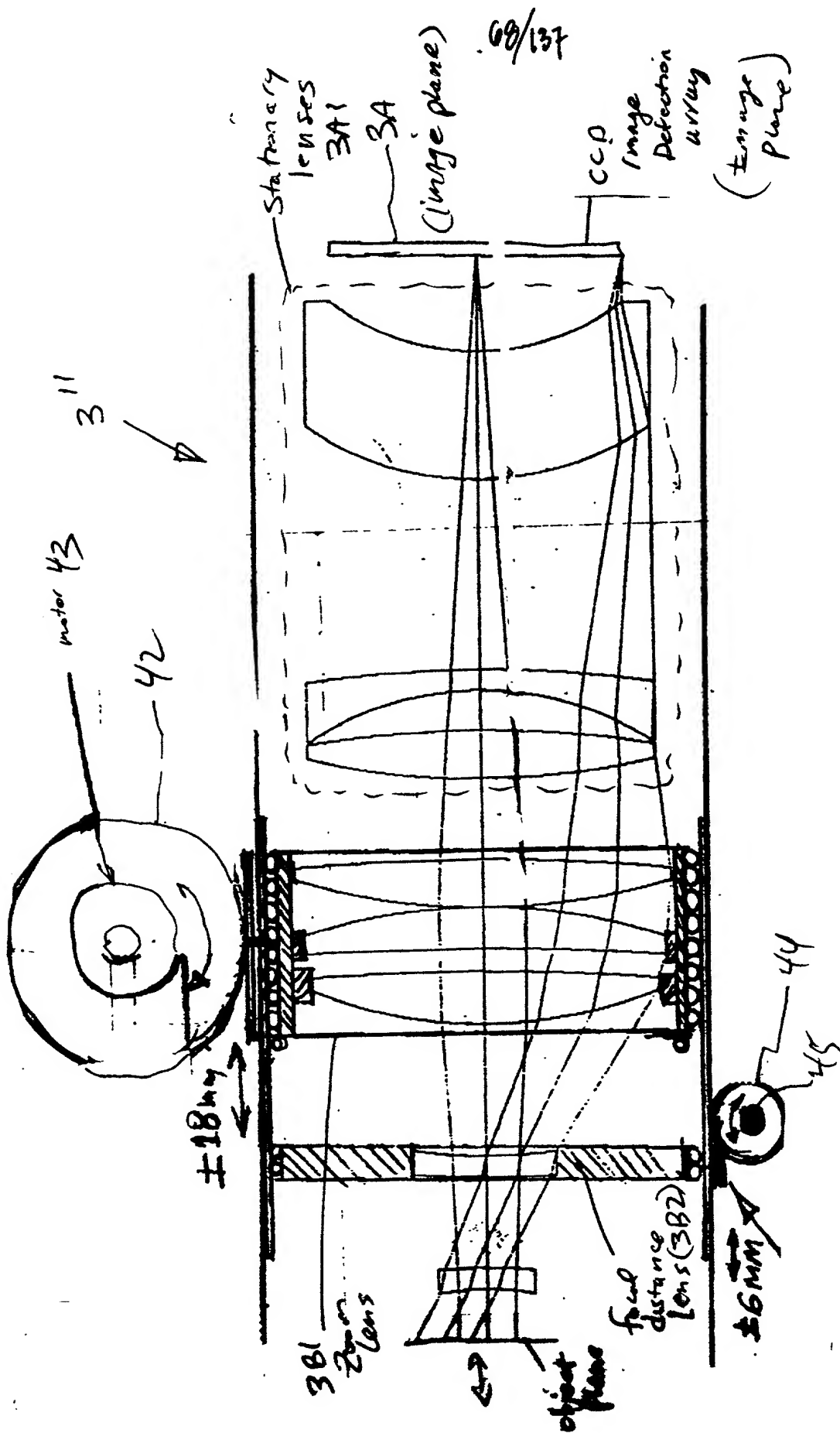
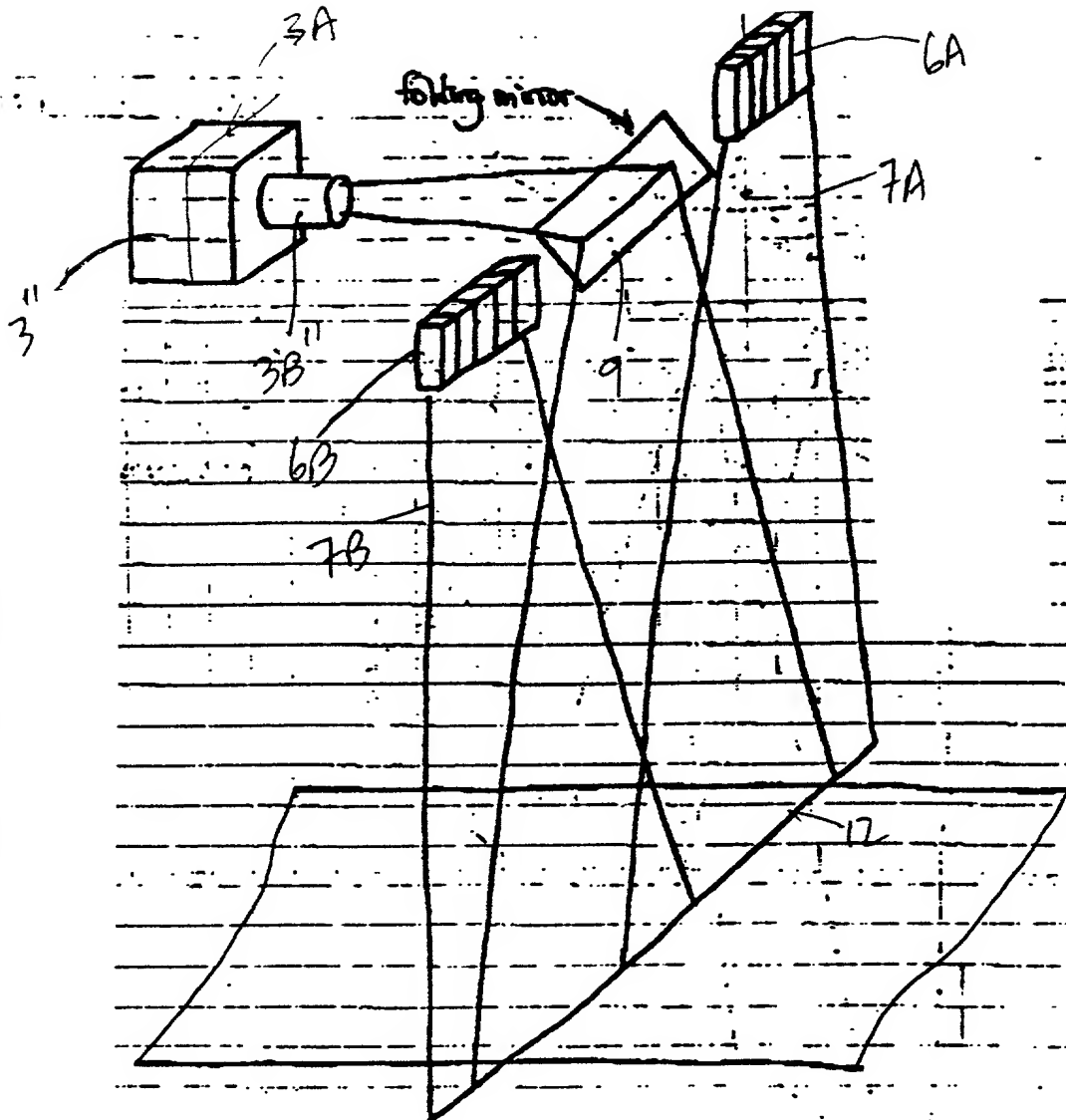


FIG. 3D

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50B

FIG 3E1

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FIG. 3E2

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208270" T506500T

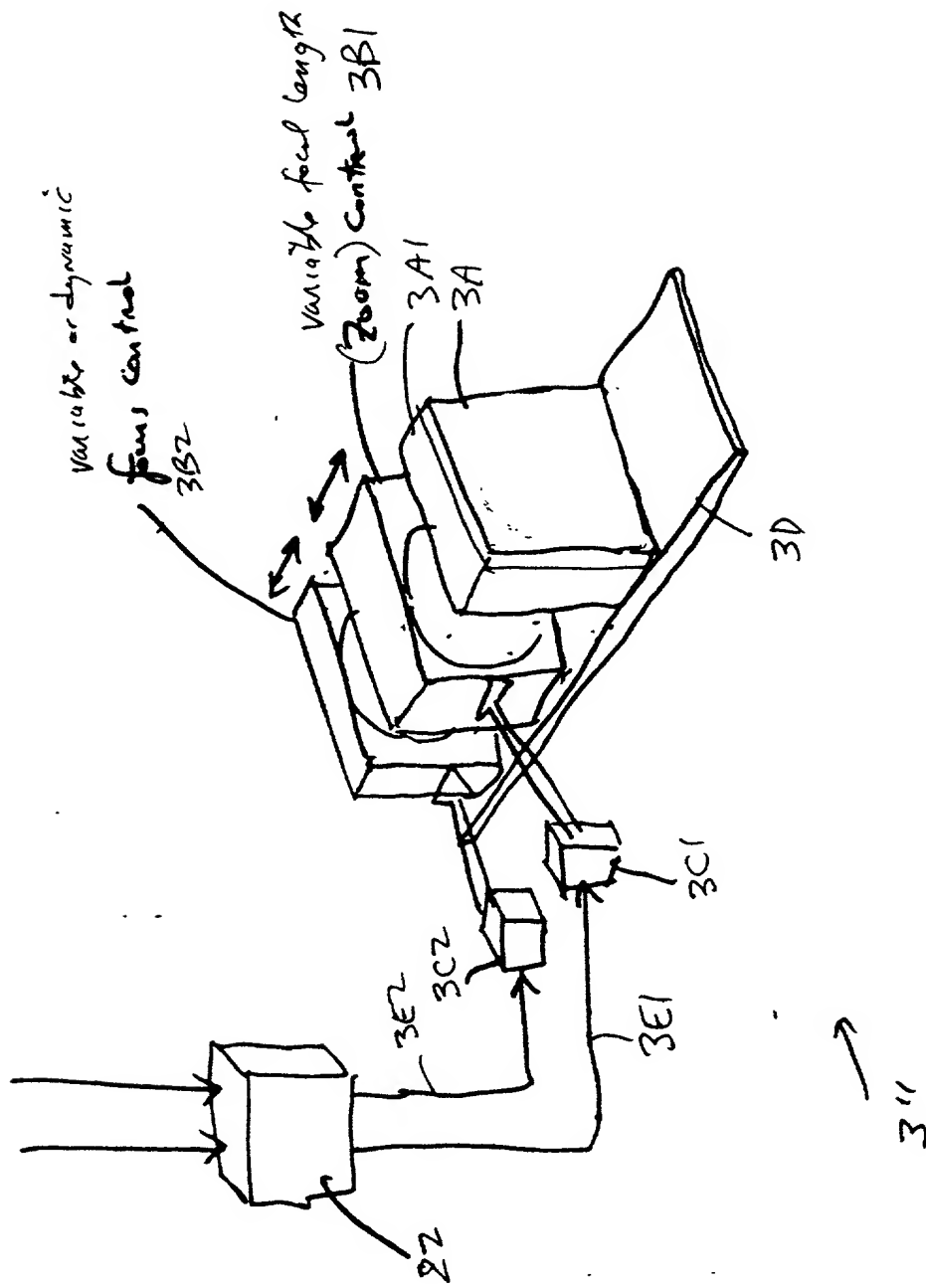


FIG. 3E3

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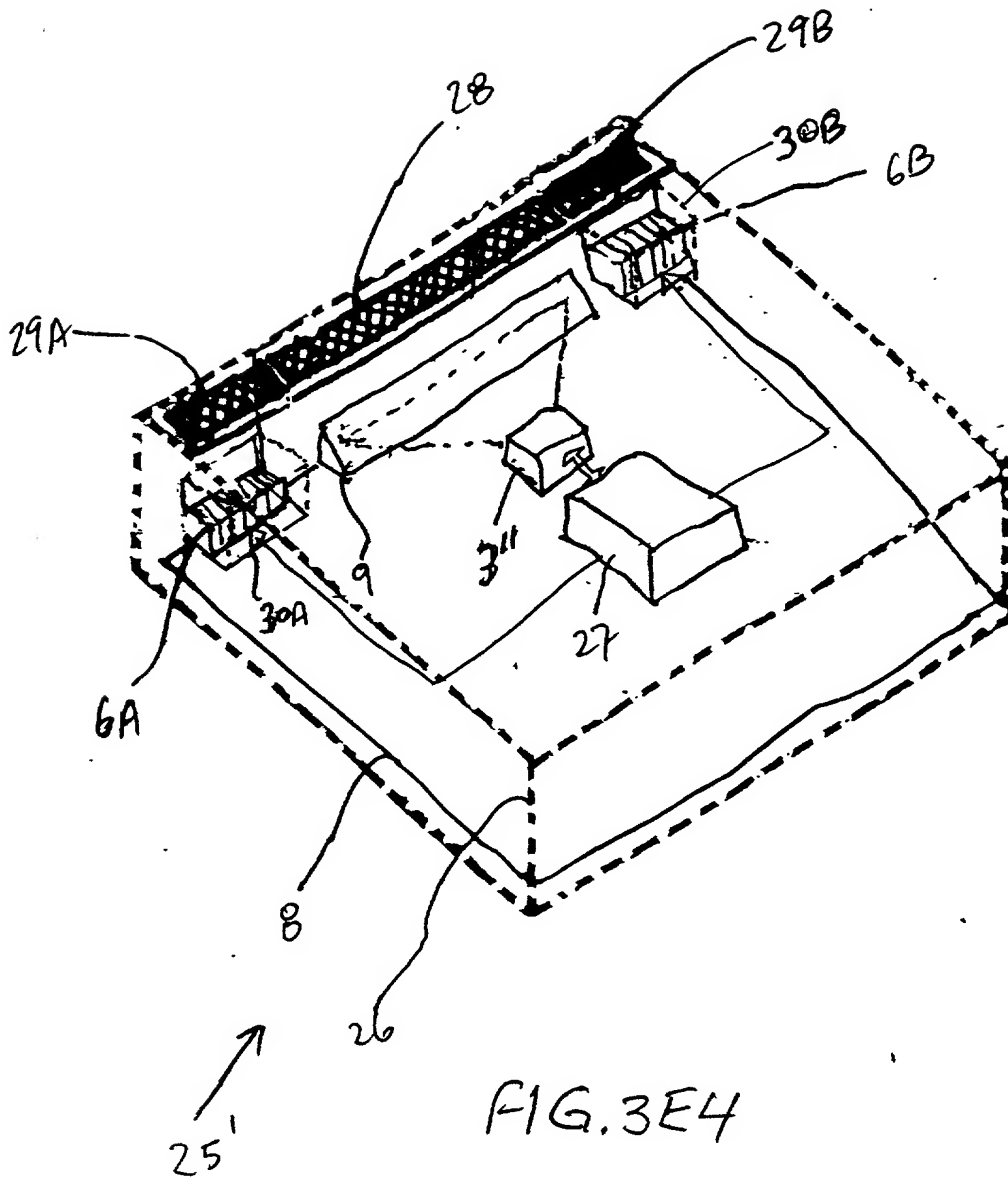


FIG. 3E4

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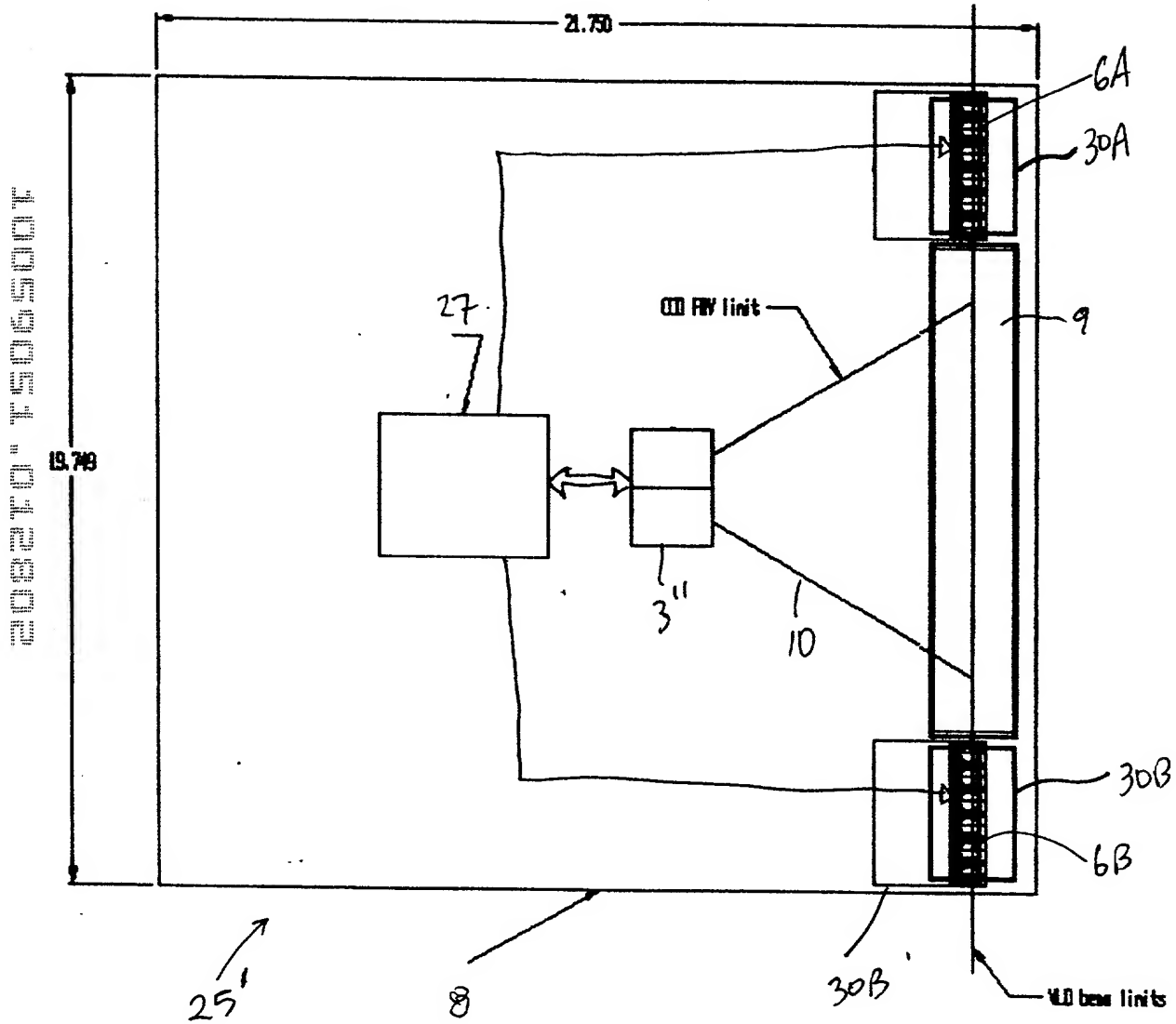


FIG. 3E5

1990		1991		1992		1993		1994		1995		1996		1997		1998		1999		2000		2001		2002		2003		2004		2005		2006		2007		2008		2009		2010		2011		2012		2013		2014		2015		2016		2017		2018		2019		2020		2021		2022		2023		2024		2025		2026		2027		2028		2029		2030		2031		2032		2033		2034		2035		2036		2037		2038		2039		2040		2041		2042		2043		2044		2045		2046		2047		2048		2049		2050		2051		2052		2053		2054		2055		2056		2057		2058		2059		2060		2061		2062		2063		2064		2065		2066		2067		2068		2069		2070		2071		2072		2073		2074		2075		2076		2077		2078		2079		2080		2081		2082		2083		2084		2085		2086		2087		2088		2089		2090		2091		2092		2093		2094		2095		2096		2097		2098		2099		2100	
1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096	2097	2098	2099	2100																																																																																																															

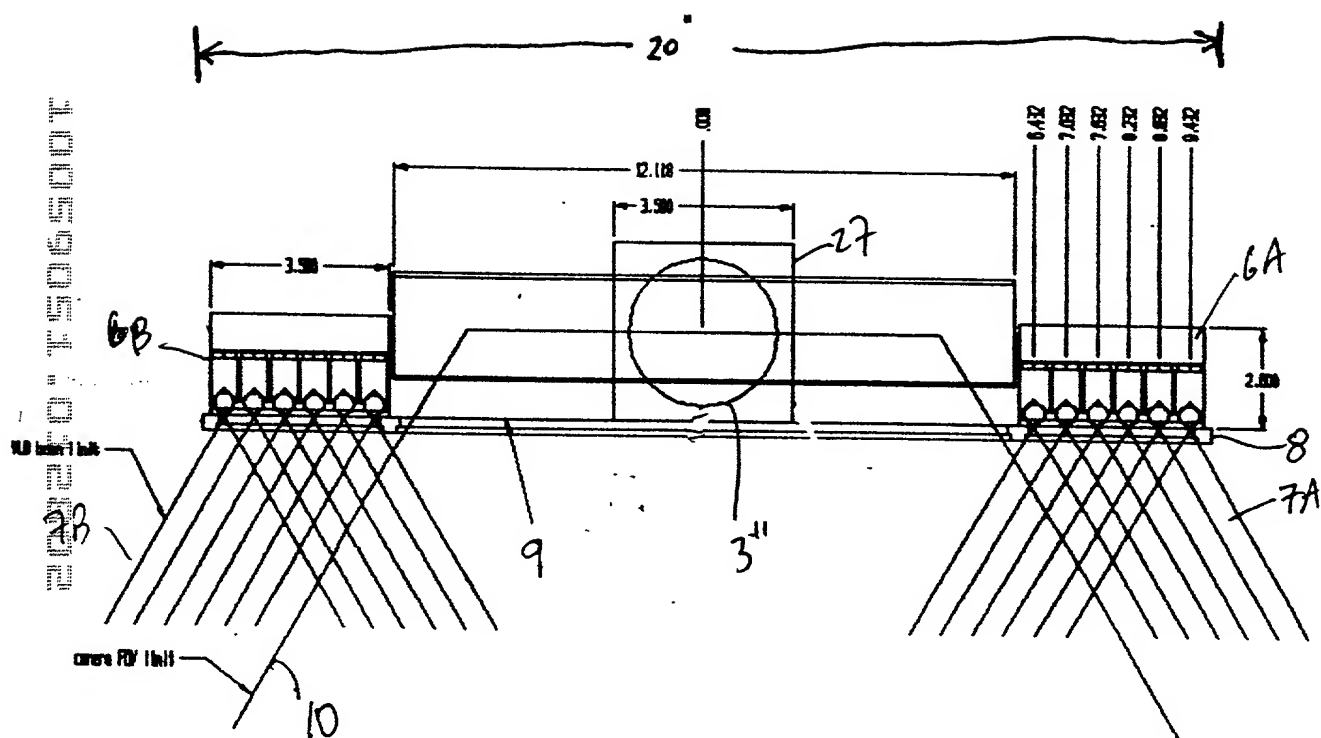


FIG. 3E6

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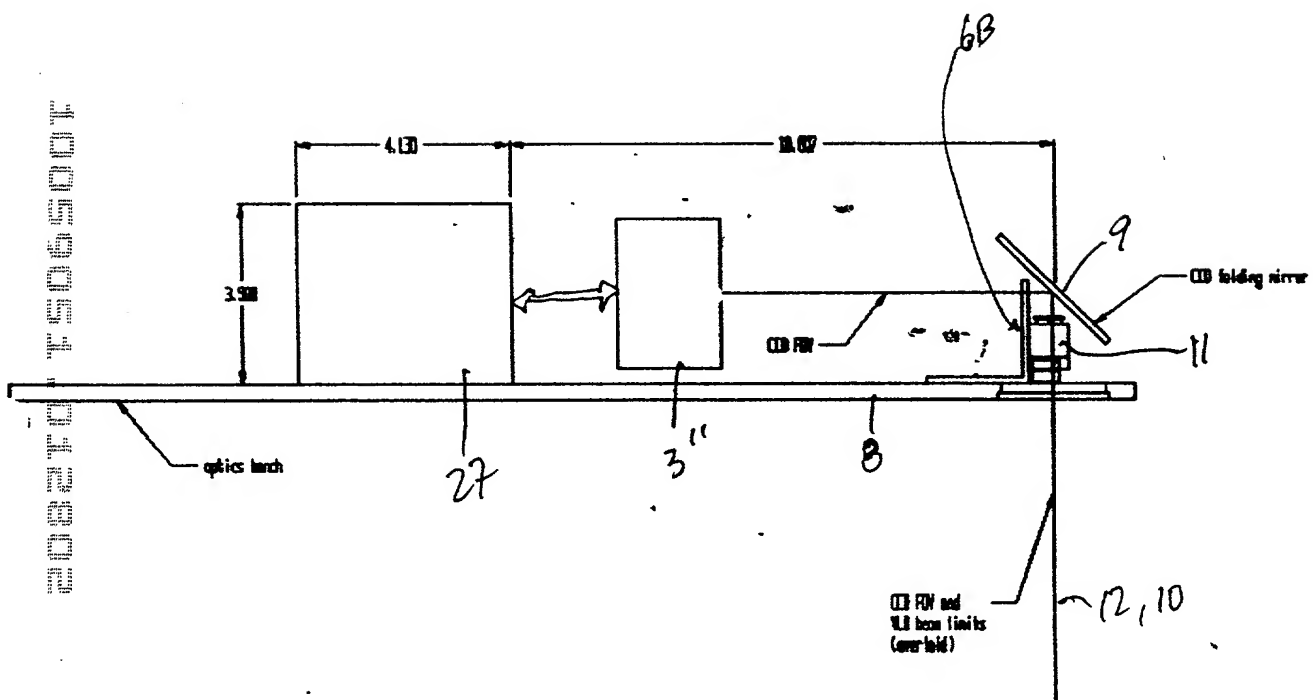


FIG. 3E7

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* Variable FOV

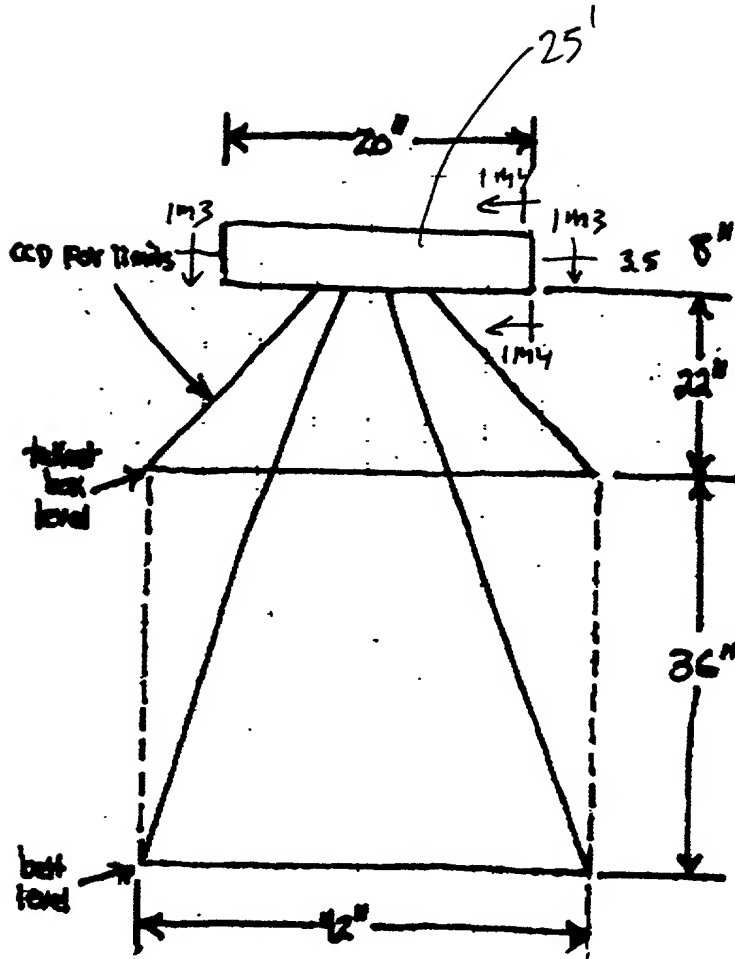


FIG. 3E8

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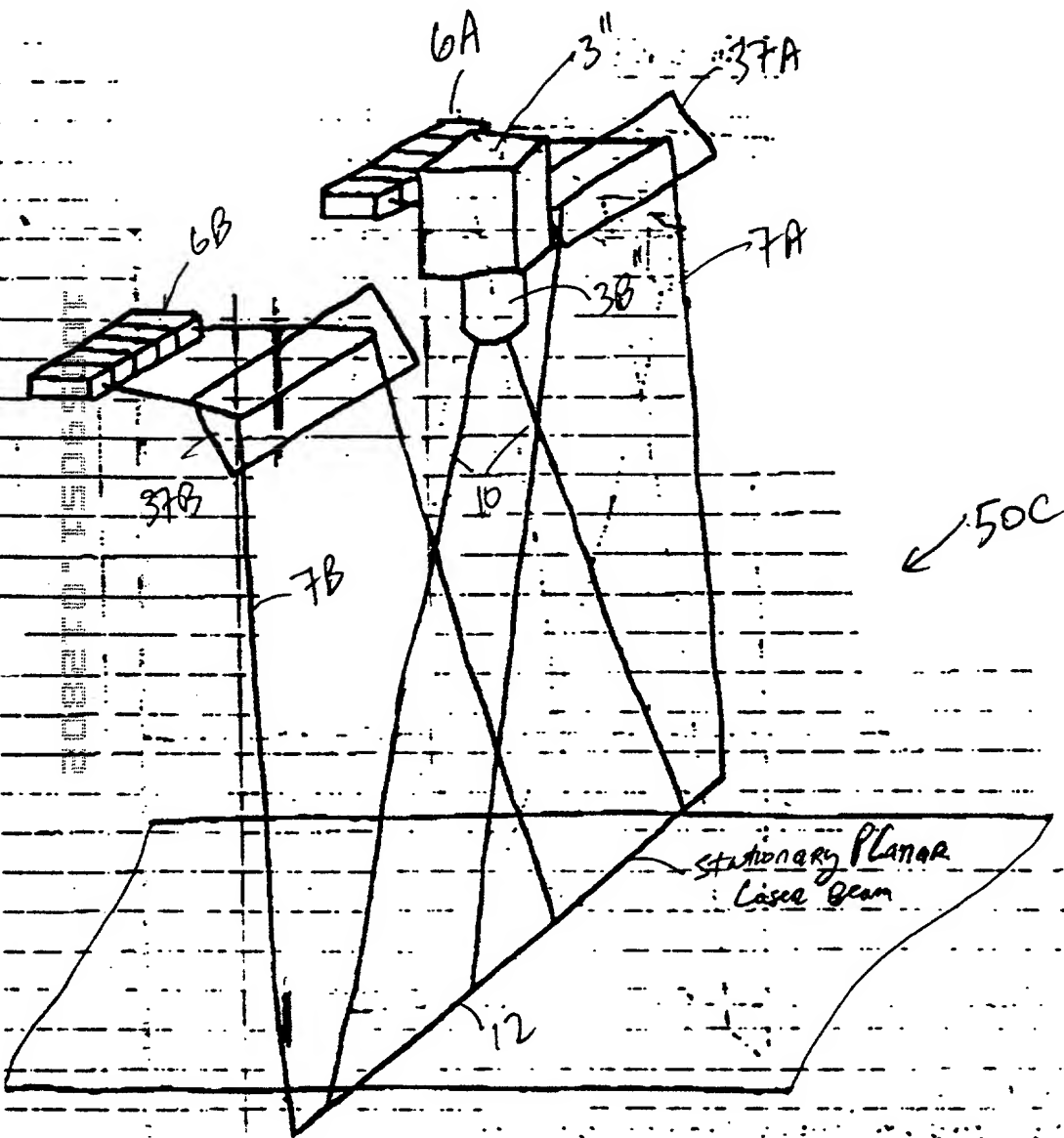


FIG 3F1

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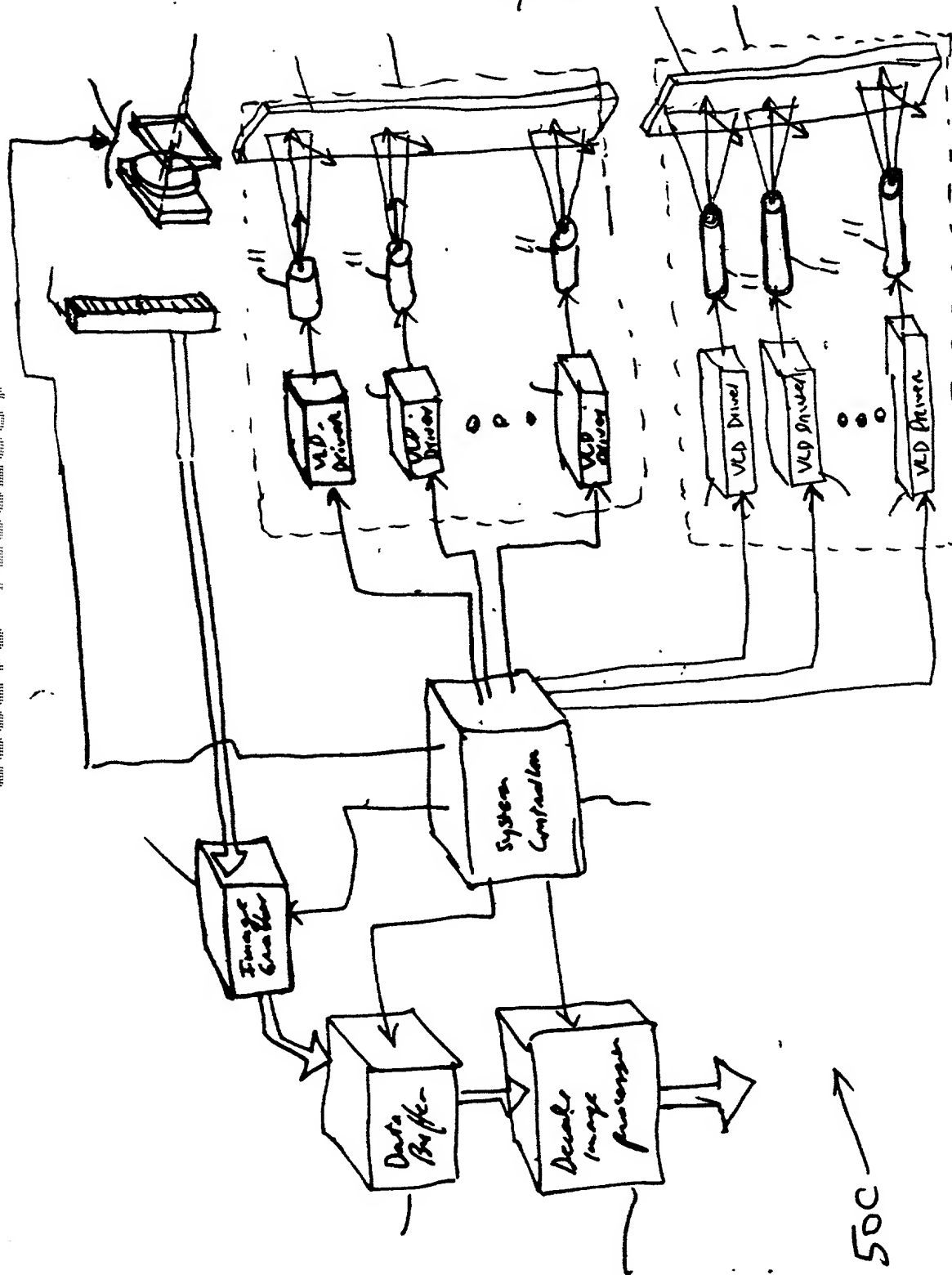


FIG. 3F2

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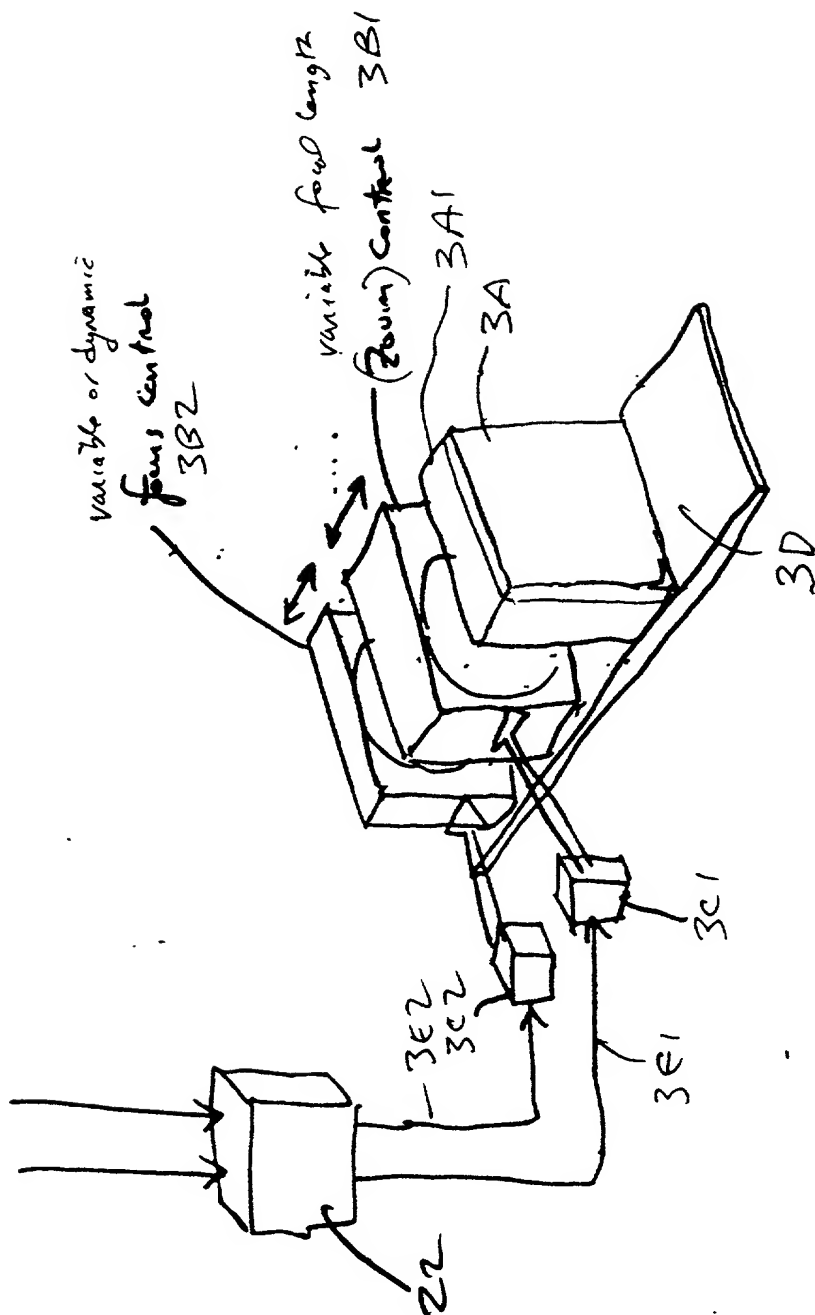


FIG. 3F3

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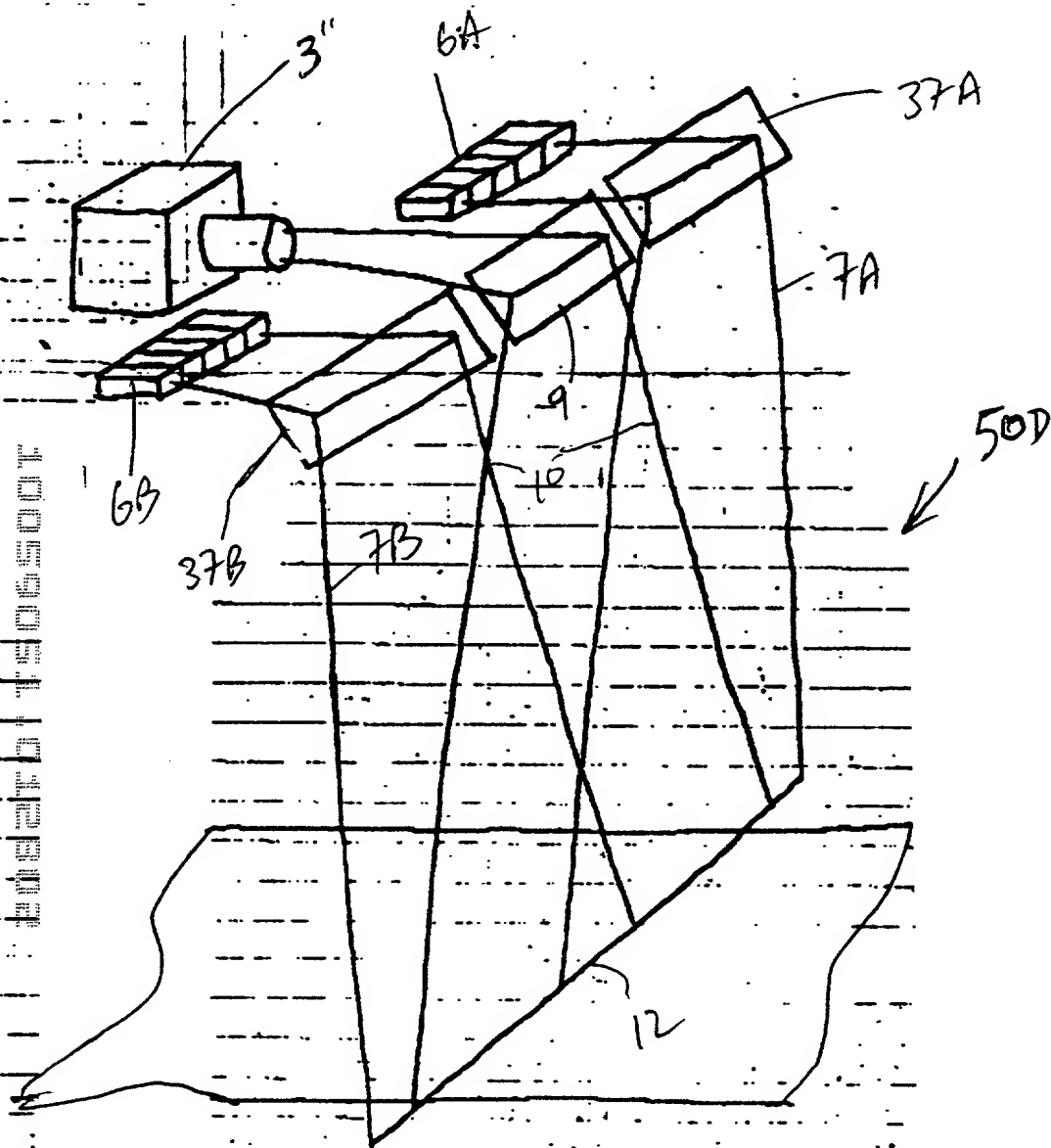


FIG. 361

203270 "T506500T"

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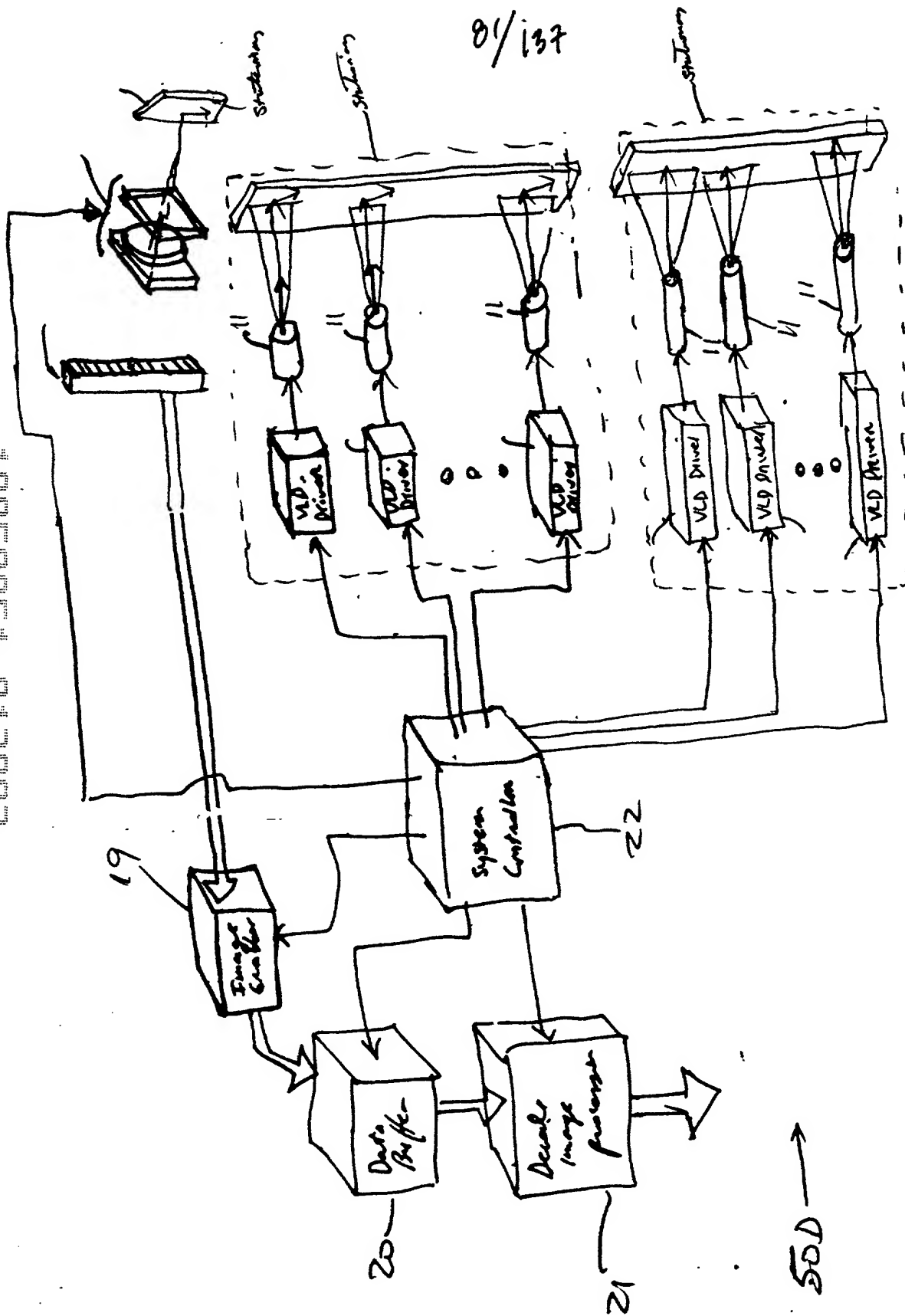


FIG. 362

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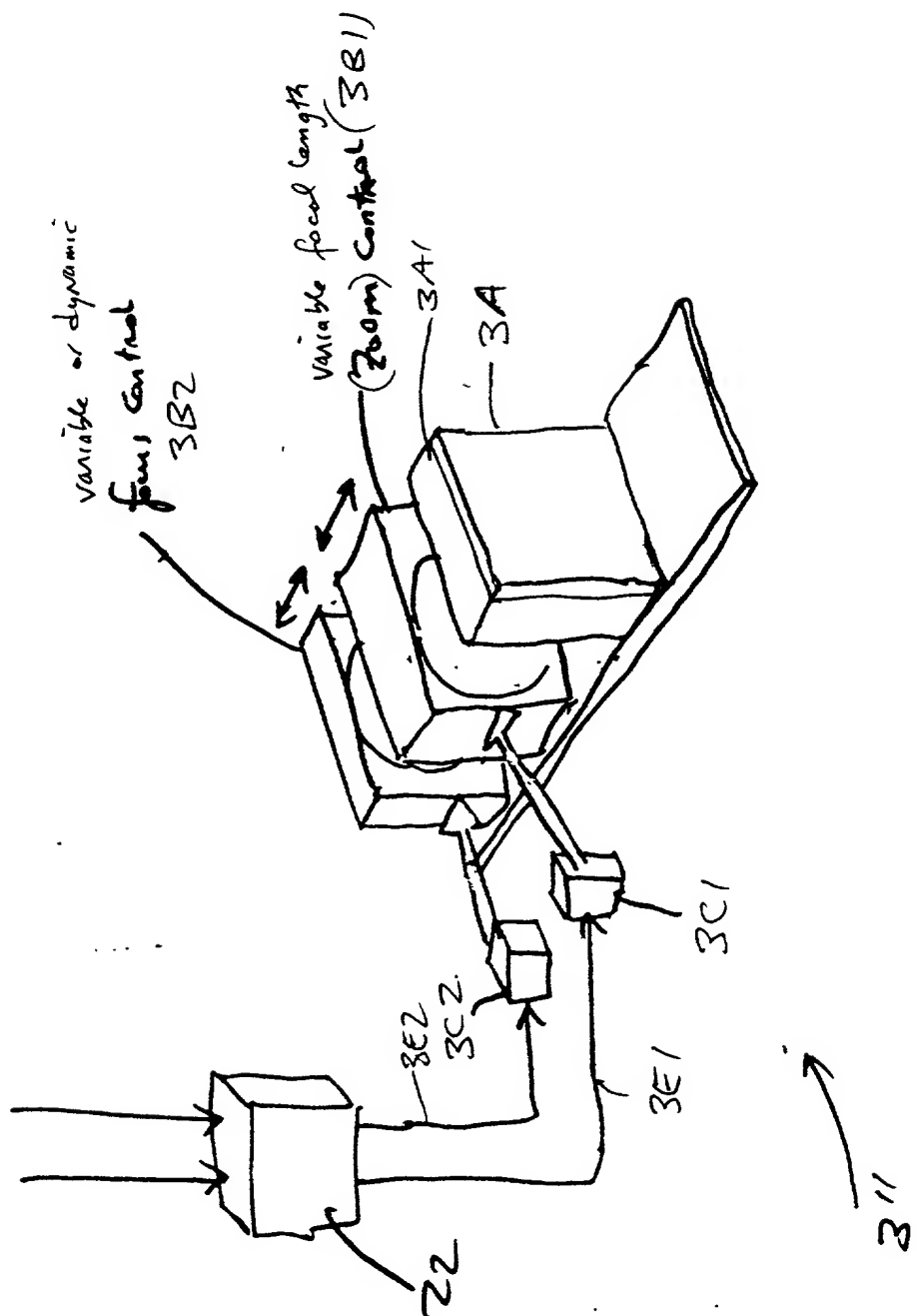


FIG. 393

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202210" T5065001

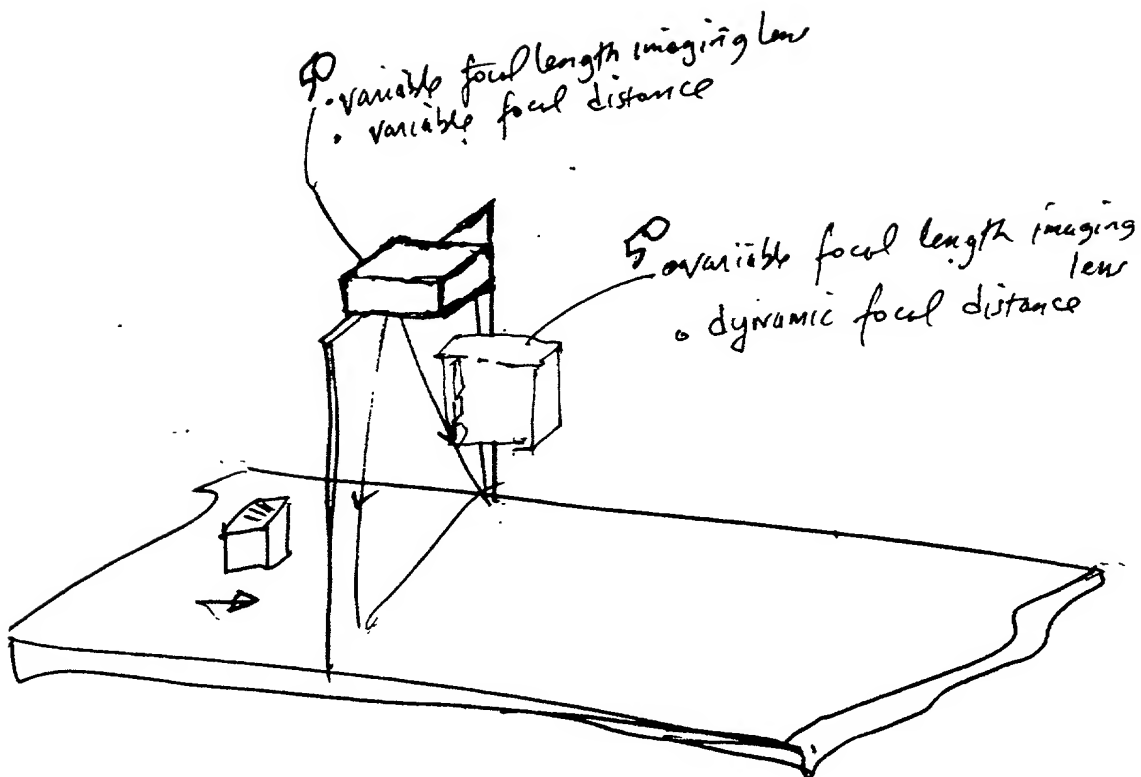


FIG. 3H

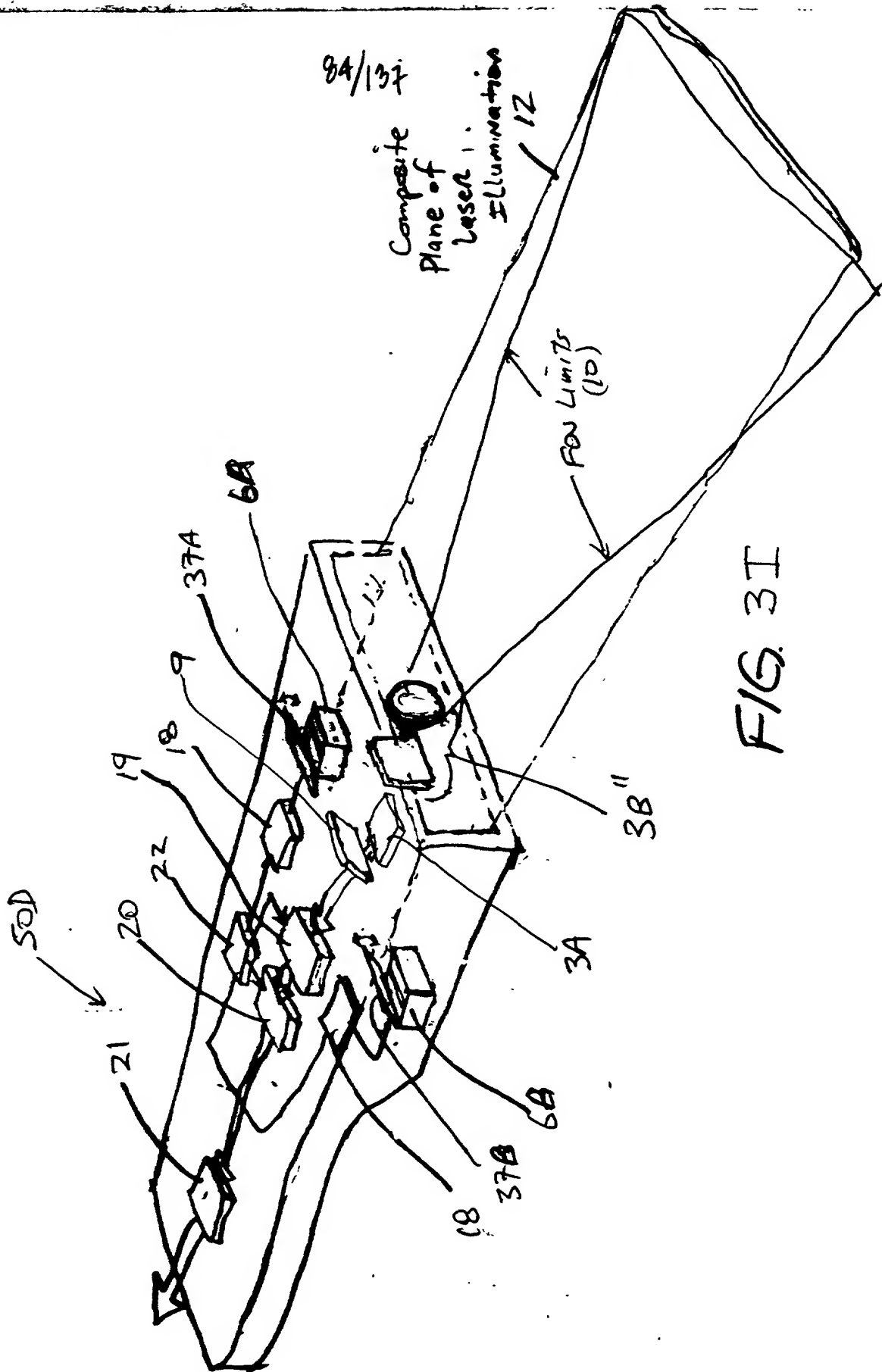


FIG. 3I

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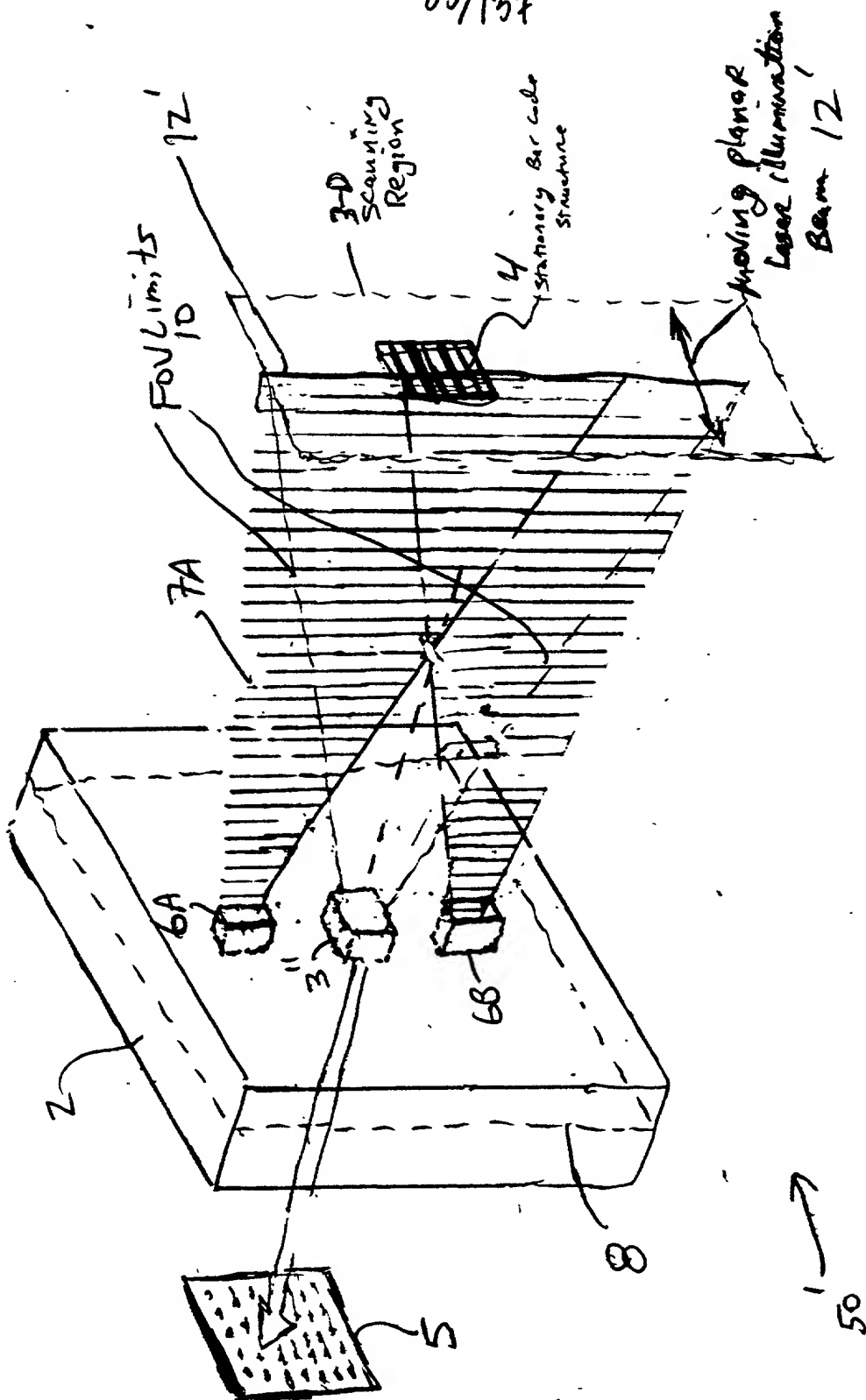


FIG. 3J1

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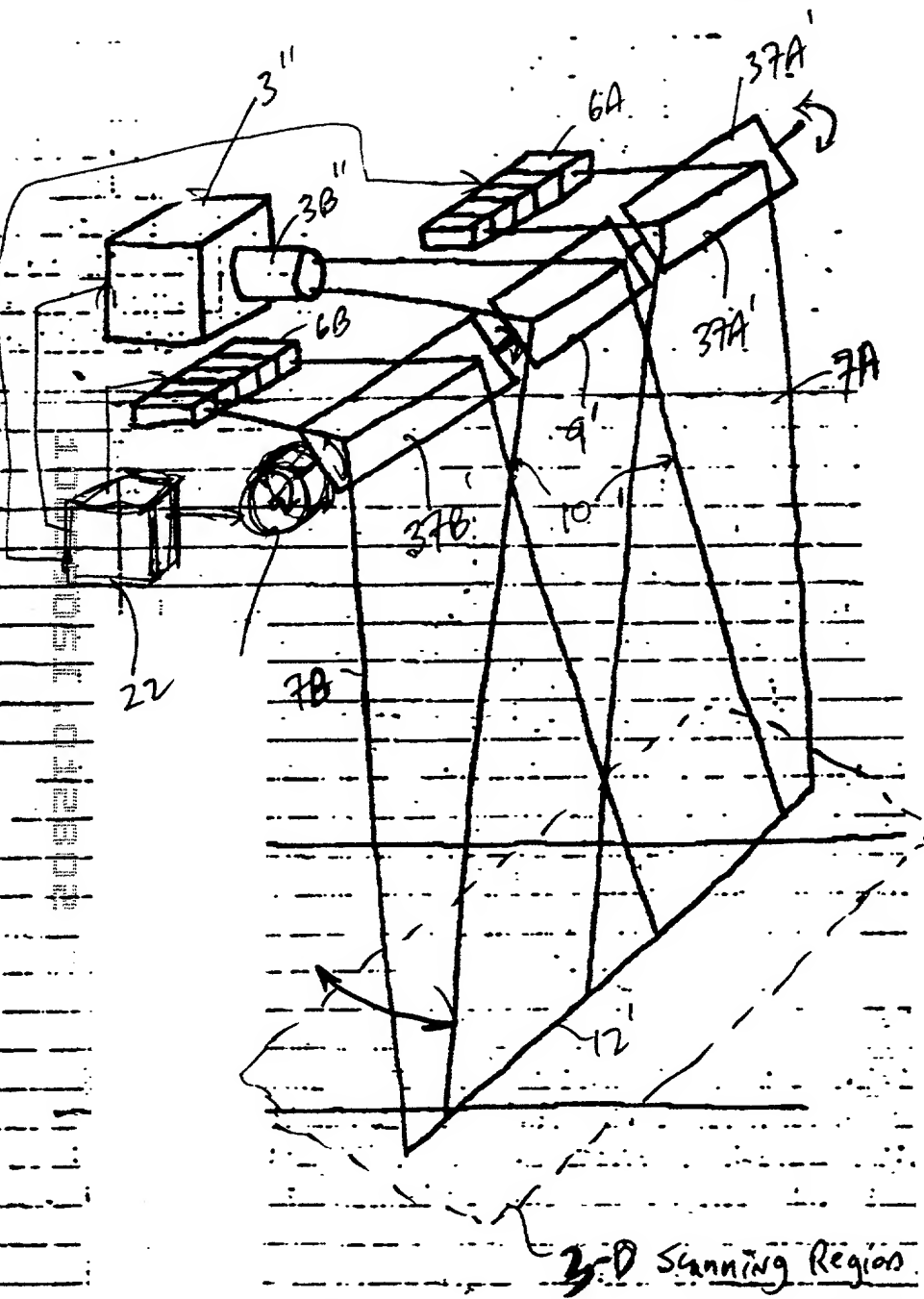
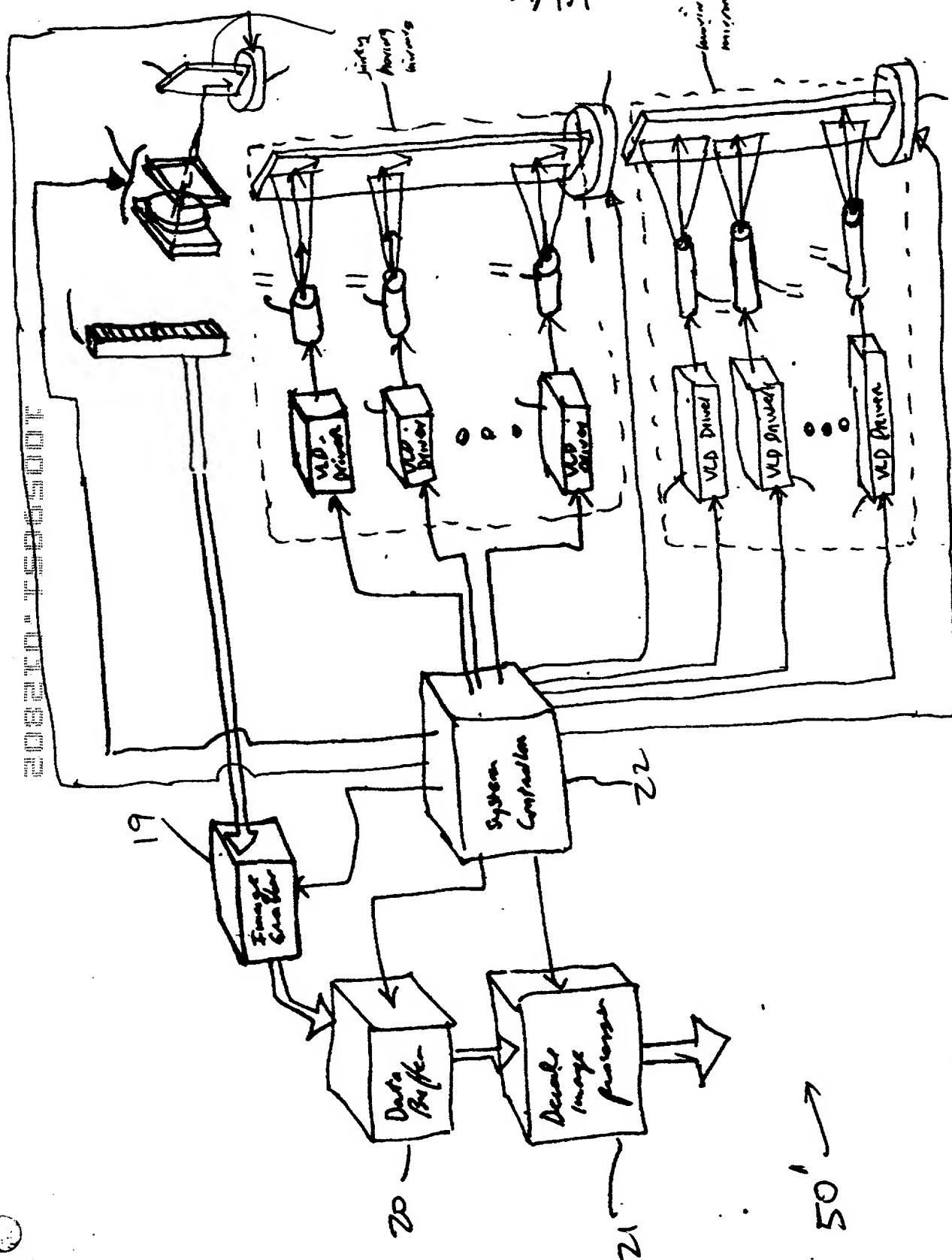
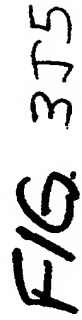


FIG 3J2

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[illegible]





Applications:

- hunt-held season
- predation sea season

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20220715055001

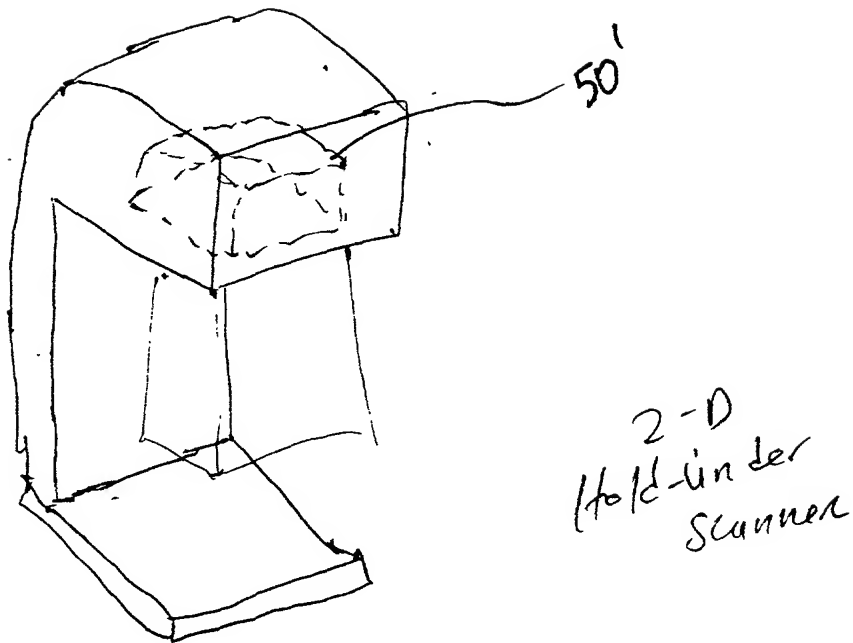


FIG. 315

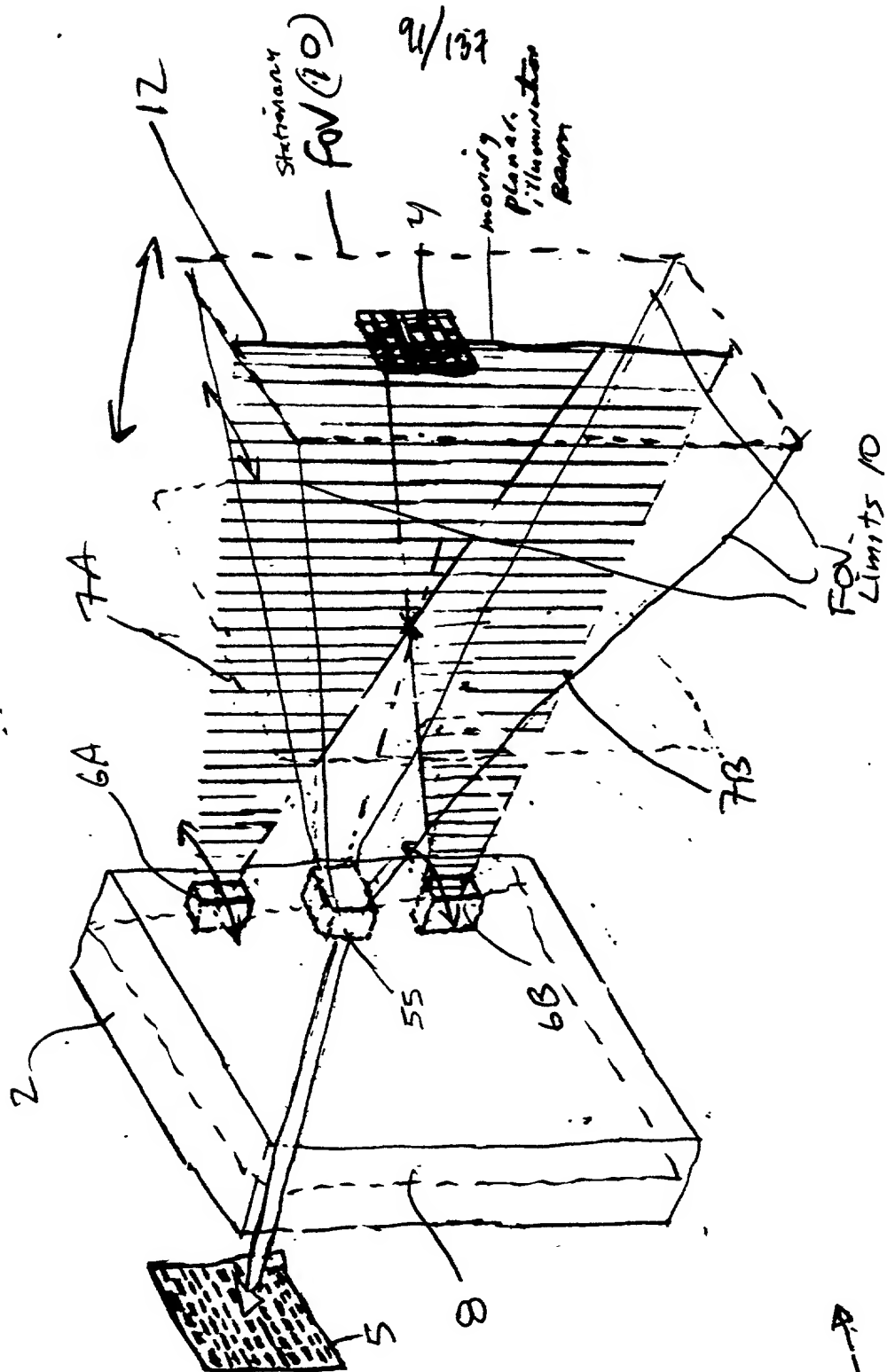
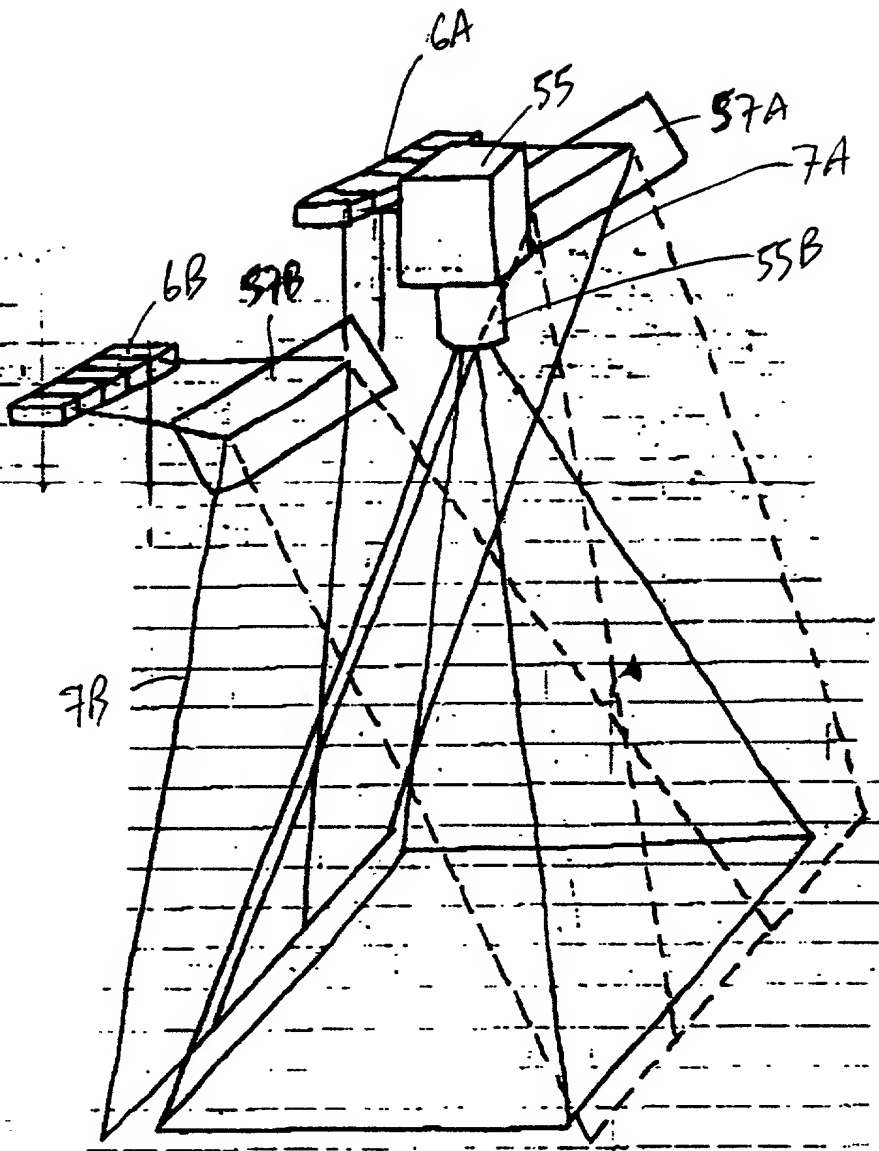


FIG 4A

60-10

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60A

FIG. 4B1

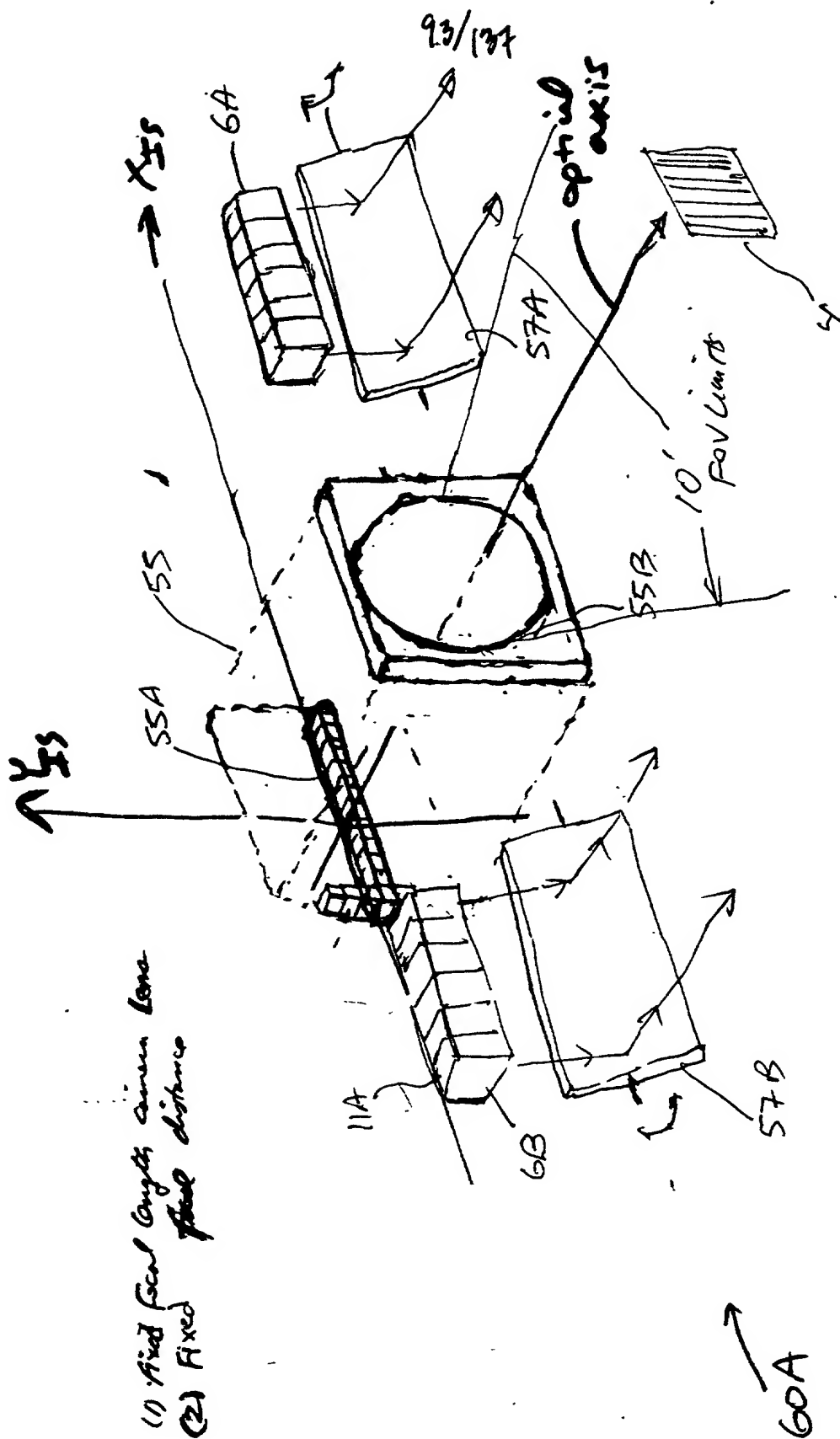


FIG. 4BZ

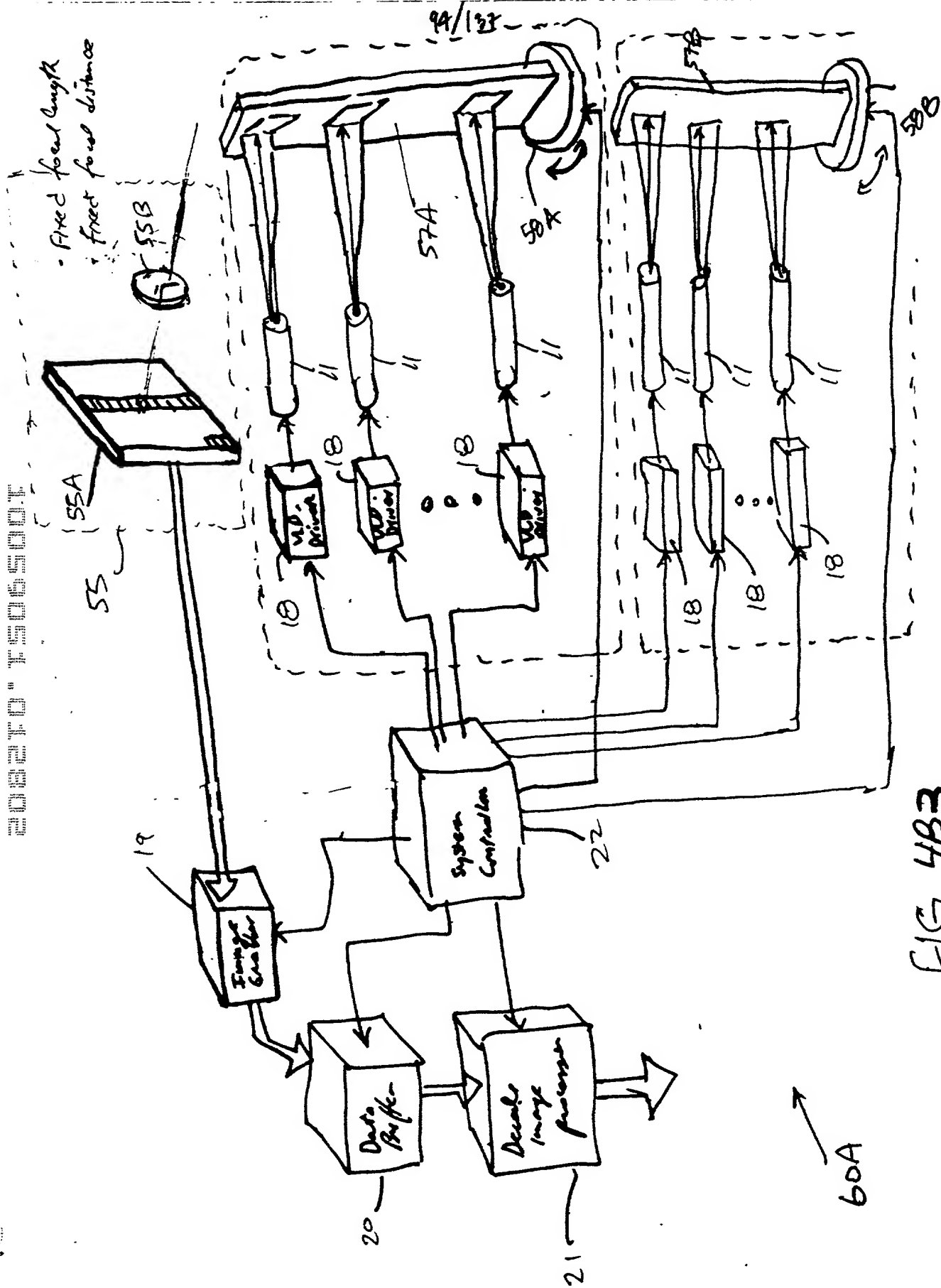


FIG. 4B3

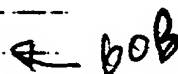
[illegible]

FIG 4CL

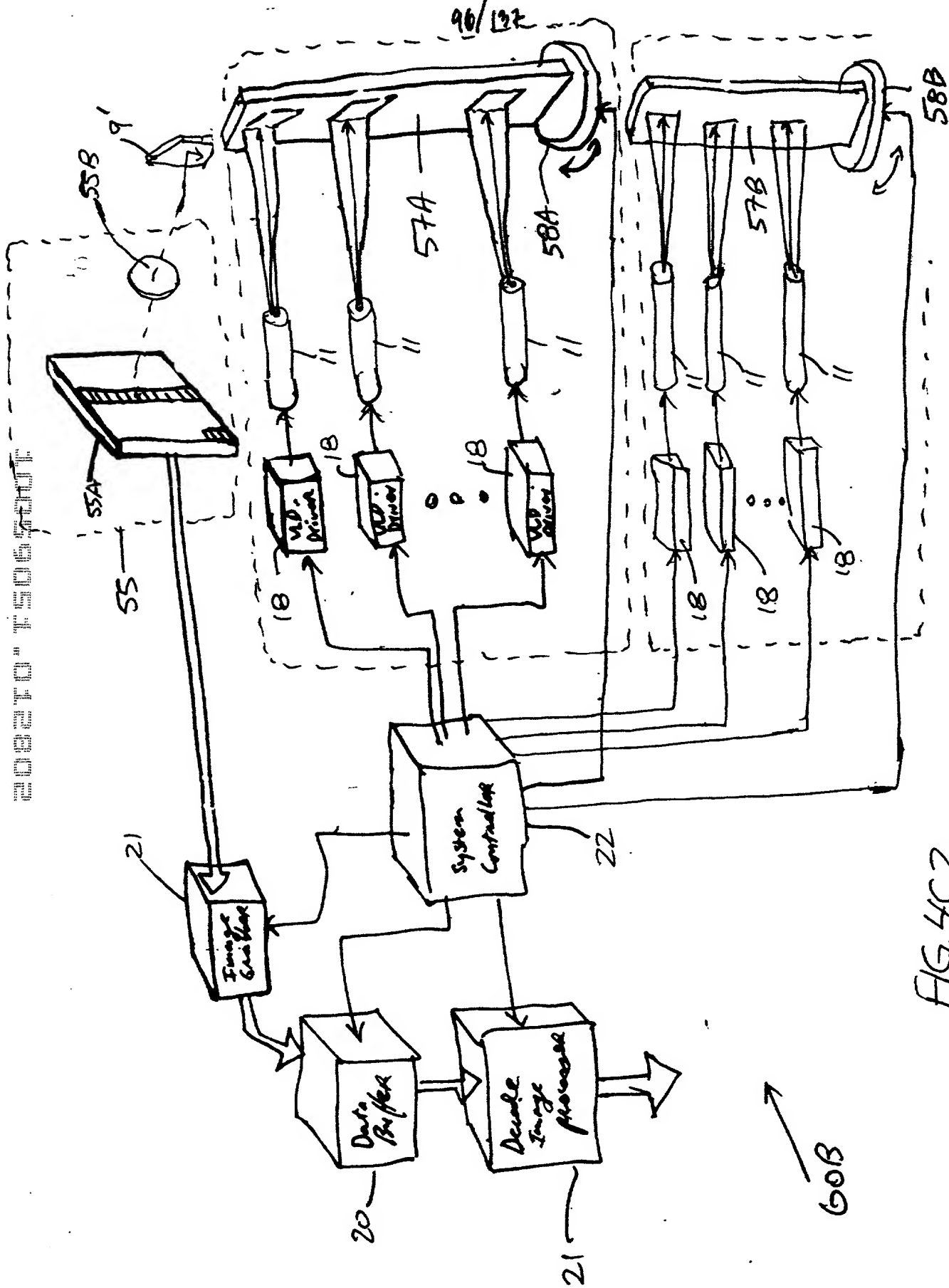


FIG. 4C2

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1059051.012802

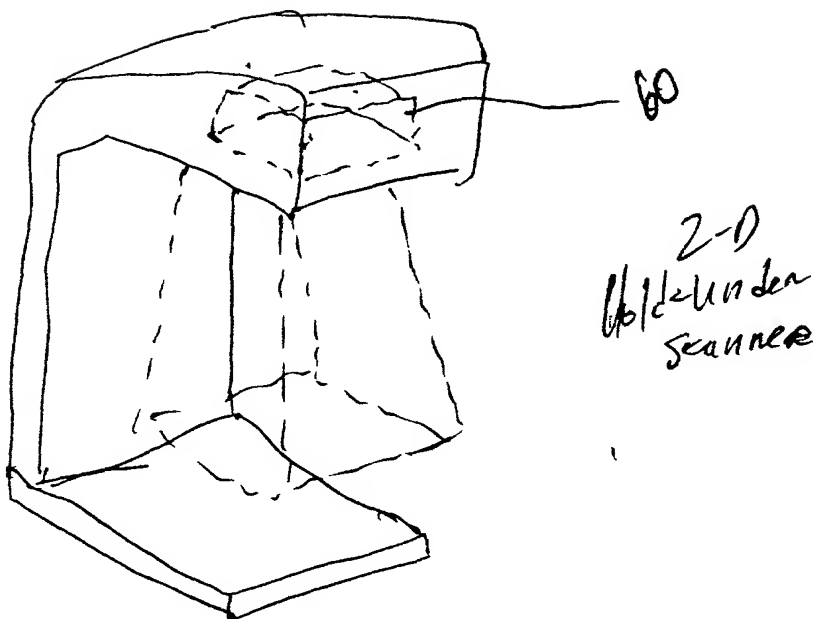


FIG. 4D

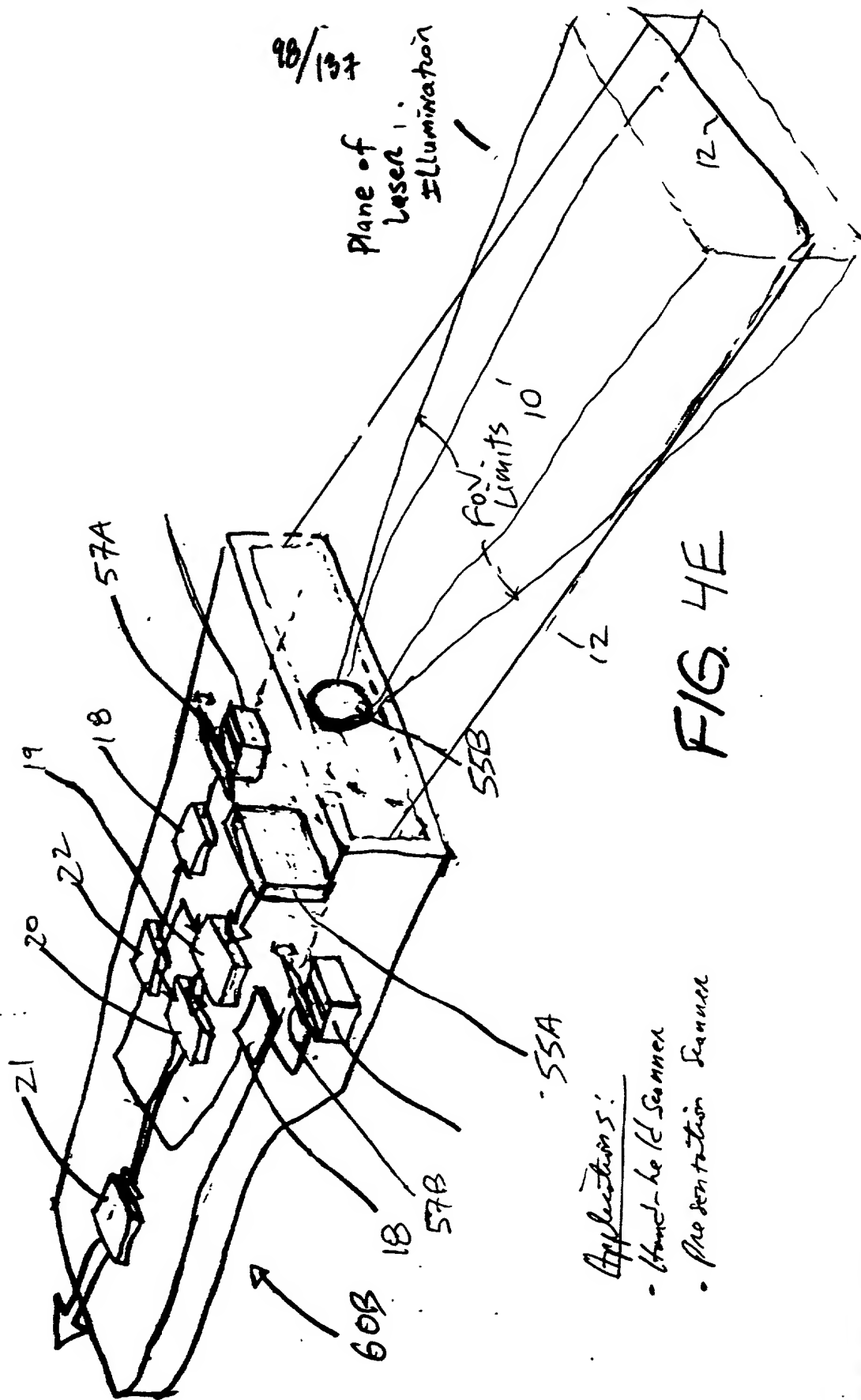


FIG. 4E

Applications:

- Hand-held Scanner
- Presentation Scanner

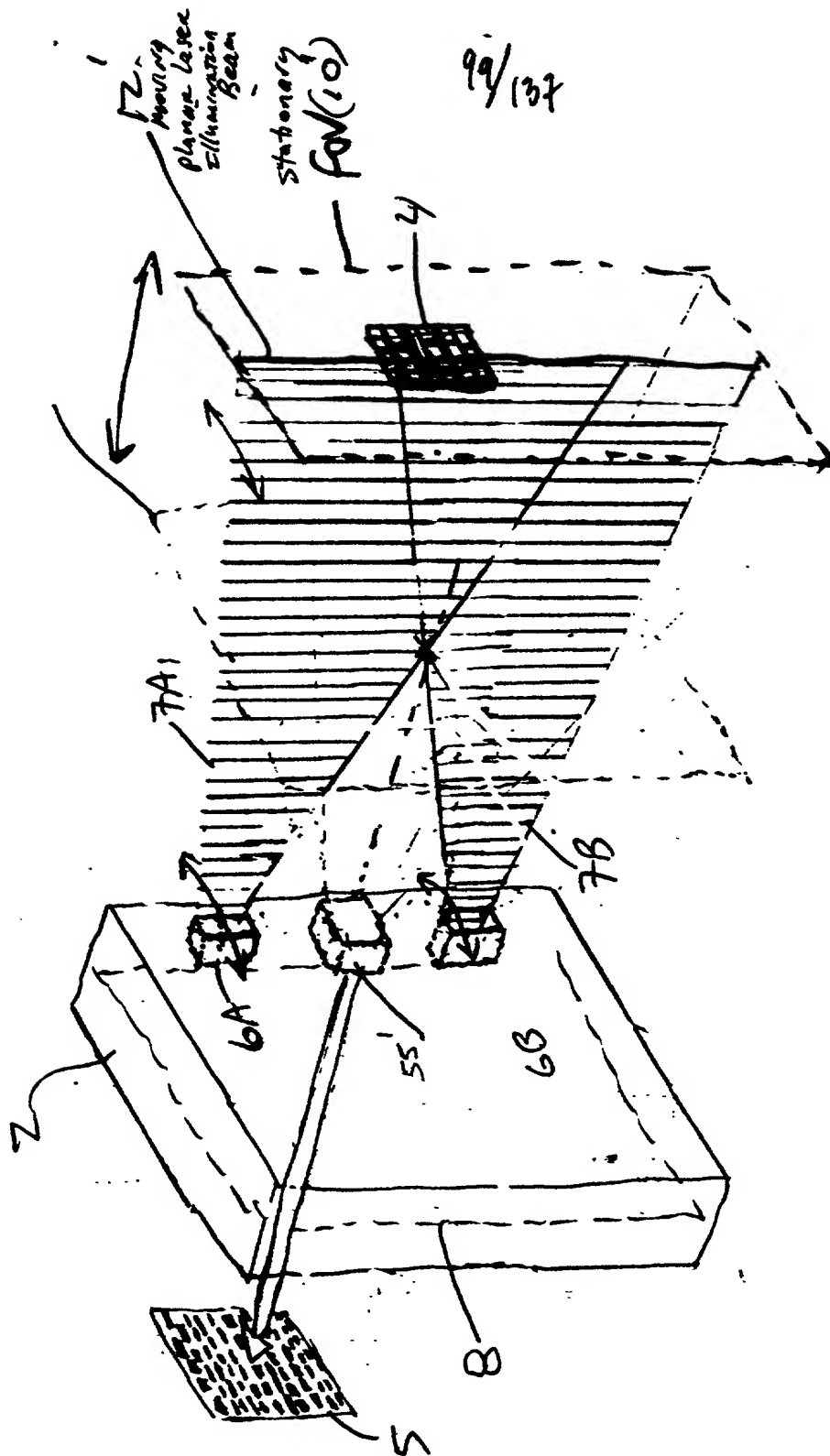


FIG 5A

202207565001

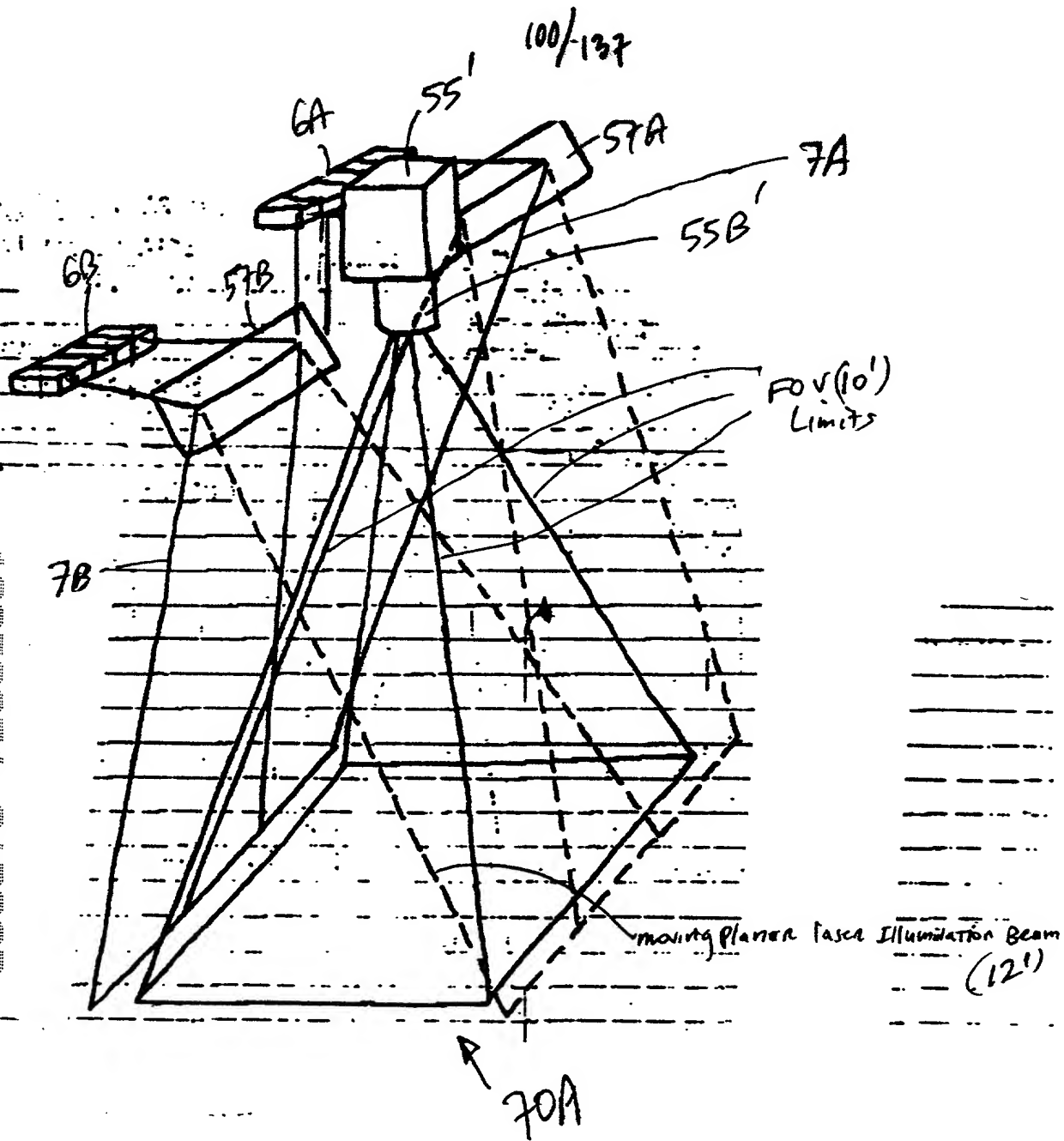


FIG 5B1

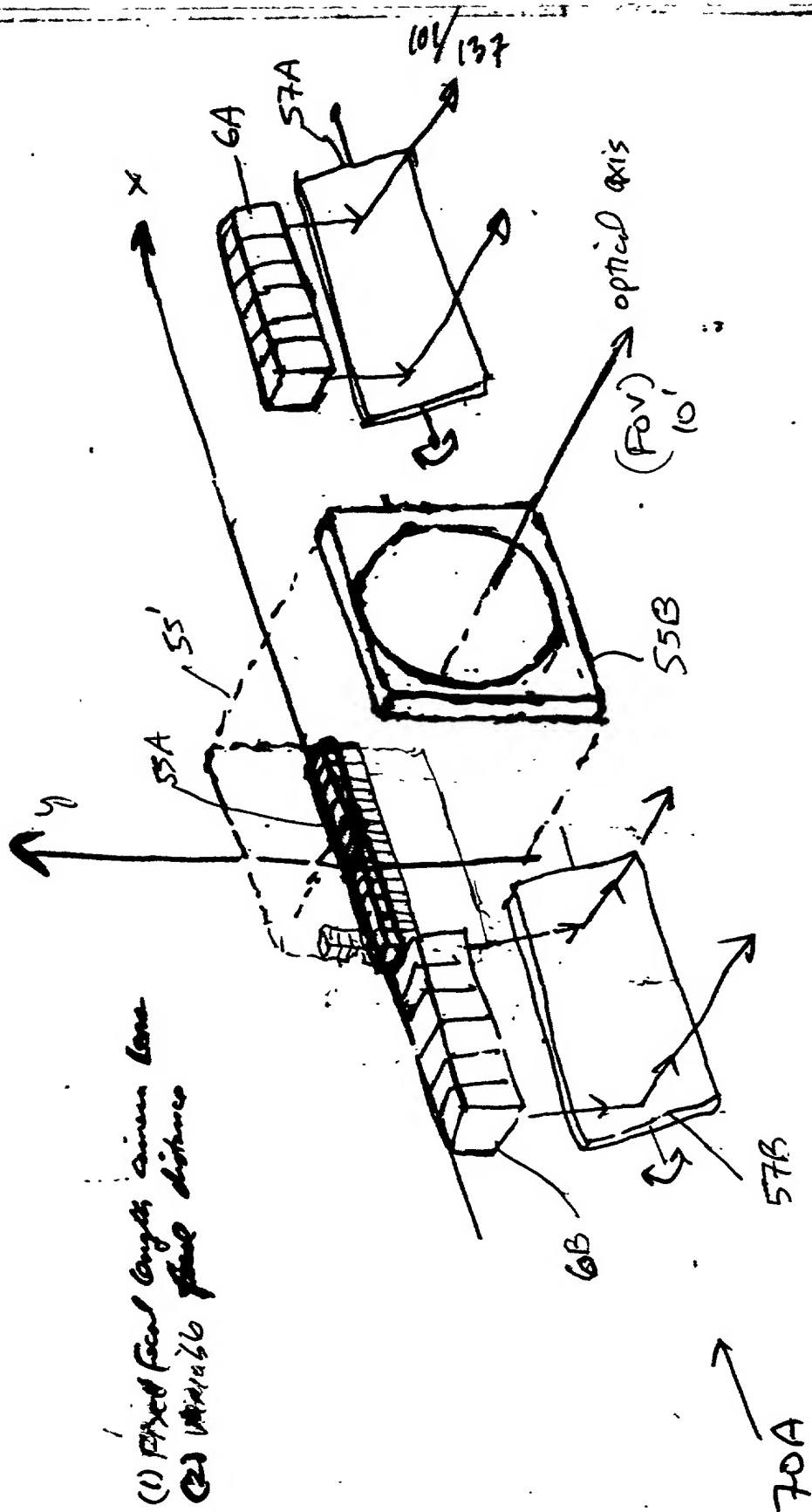


FIG. 5B2

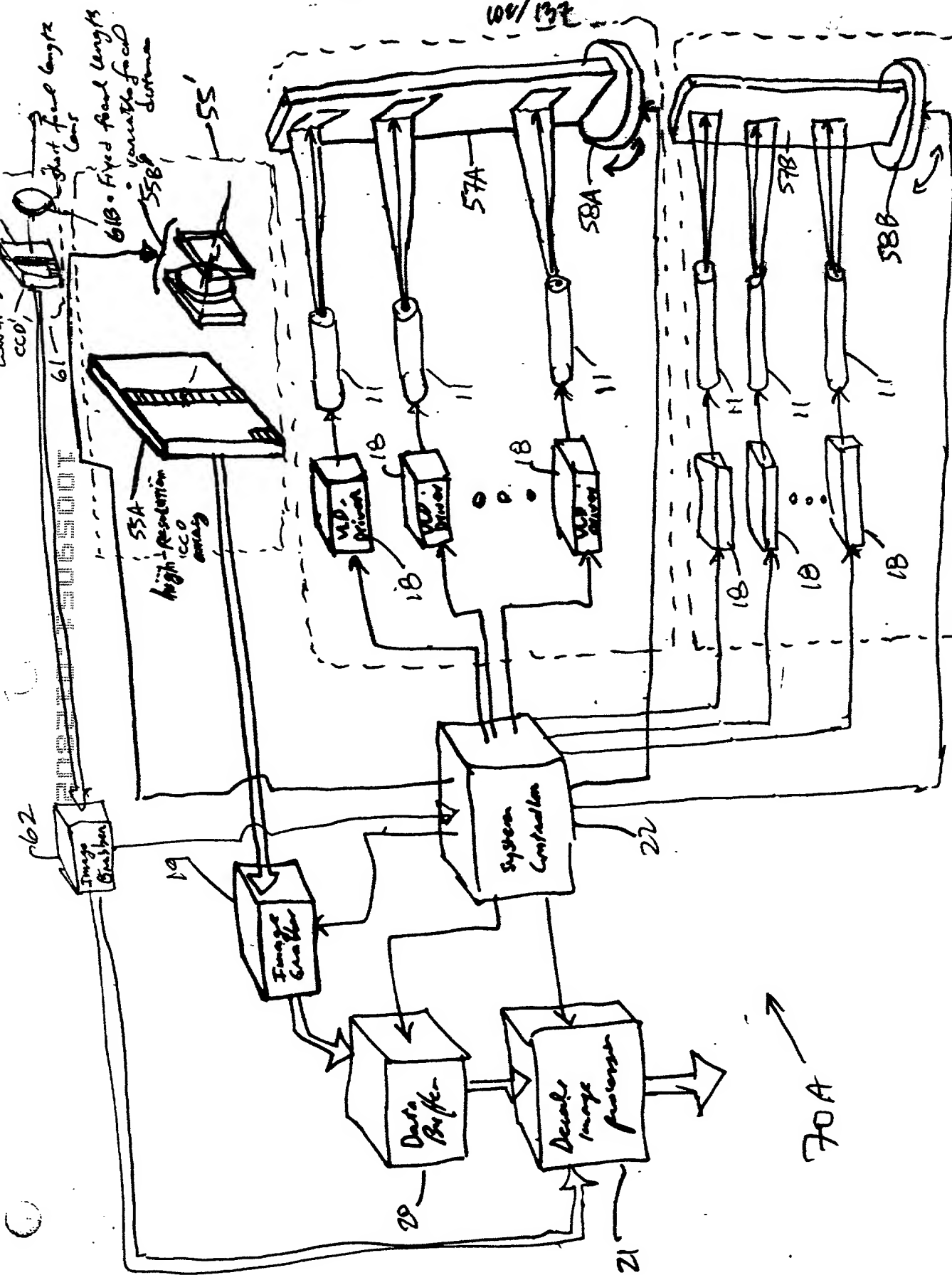


FIG. 5B3

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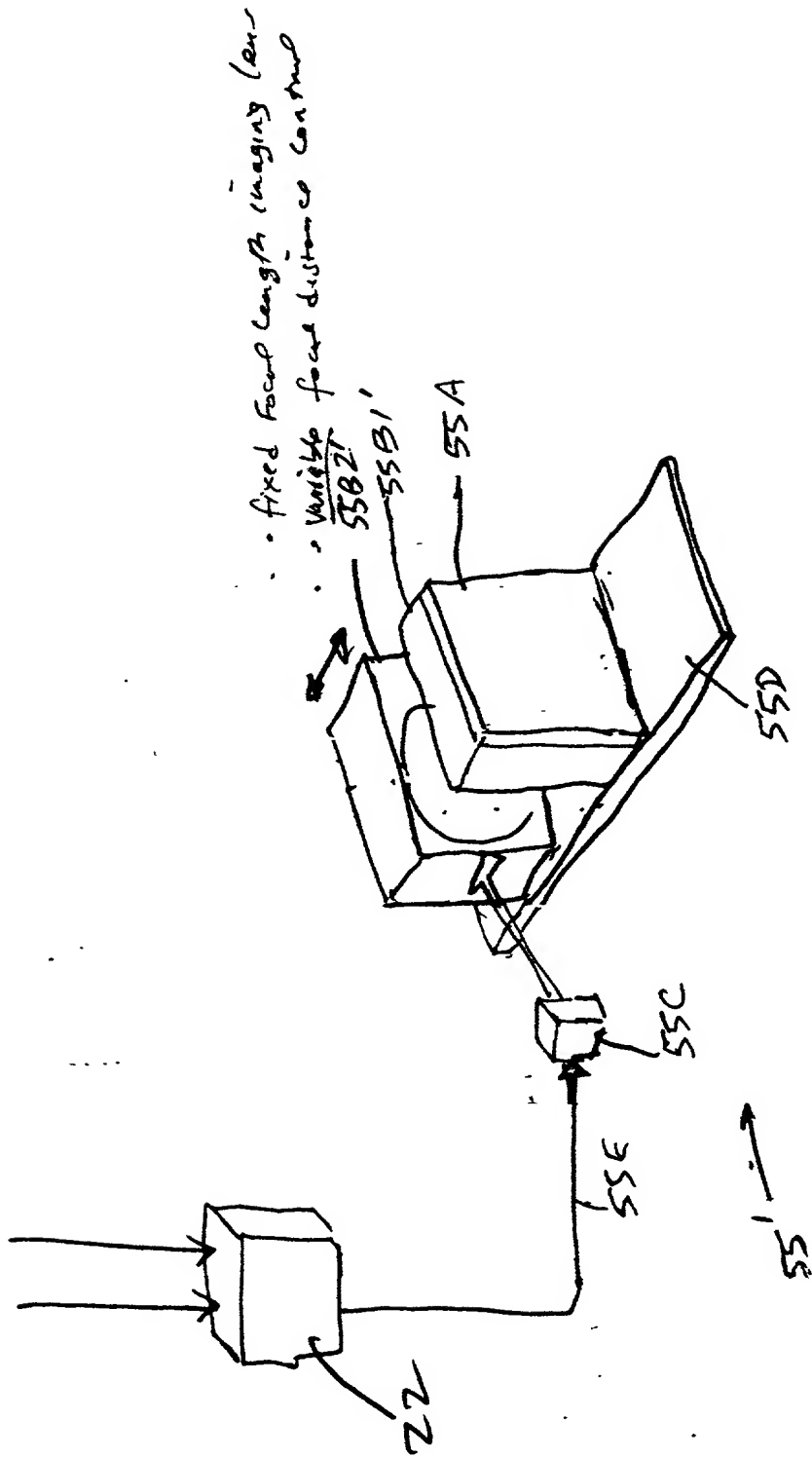


FIG. 5B4

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202270"TS05500T

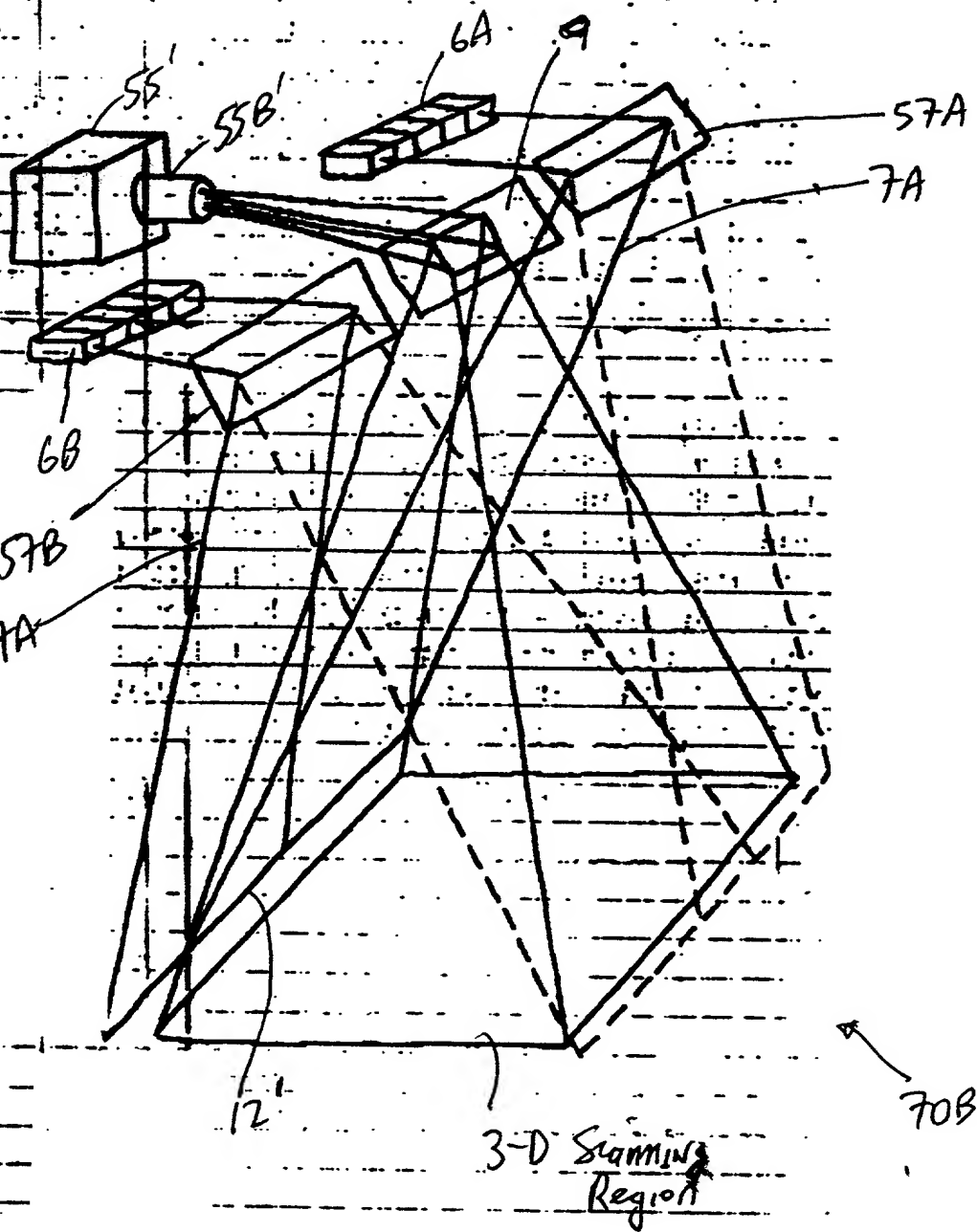


FIG. 5C1

- (1) Variable focal lengths camera lens
- (2) Fixed plate distance

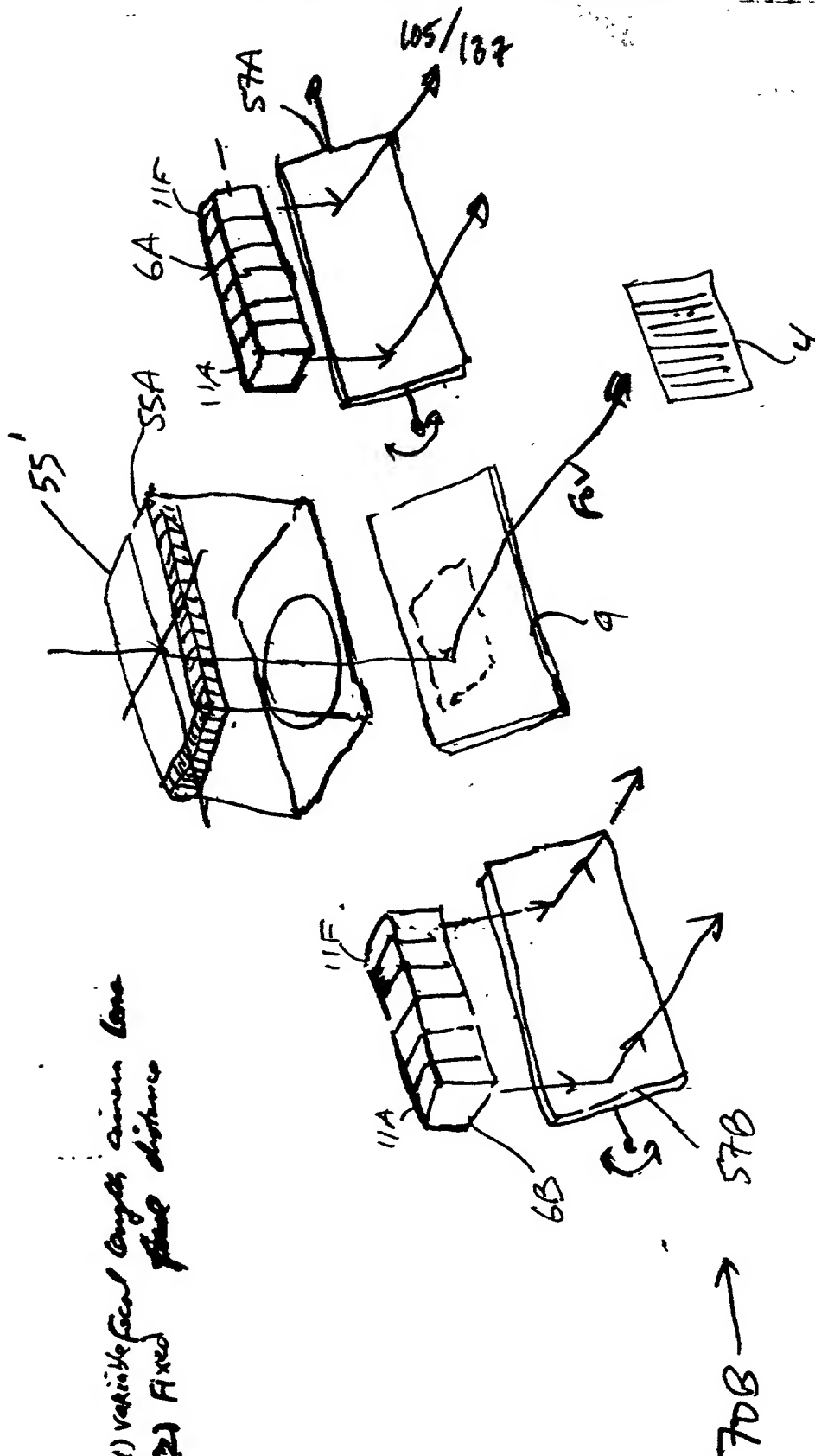


FIG. 5CZ

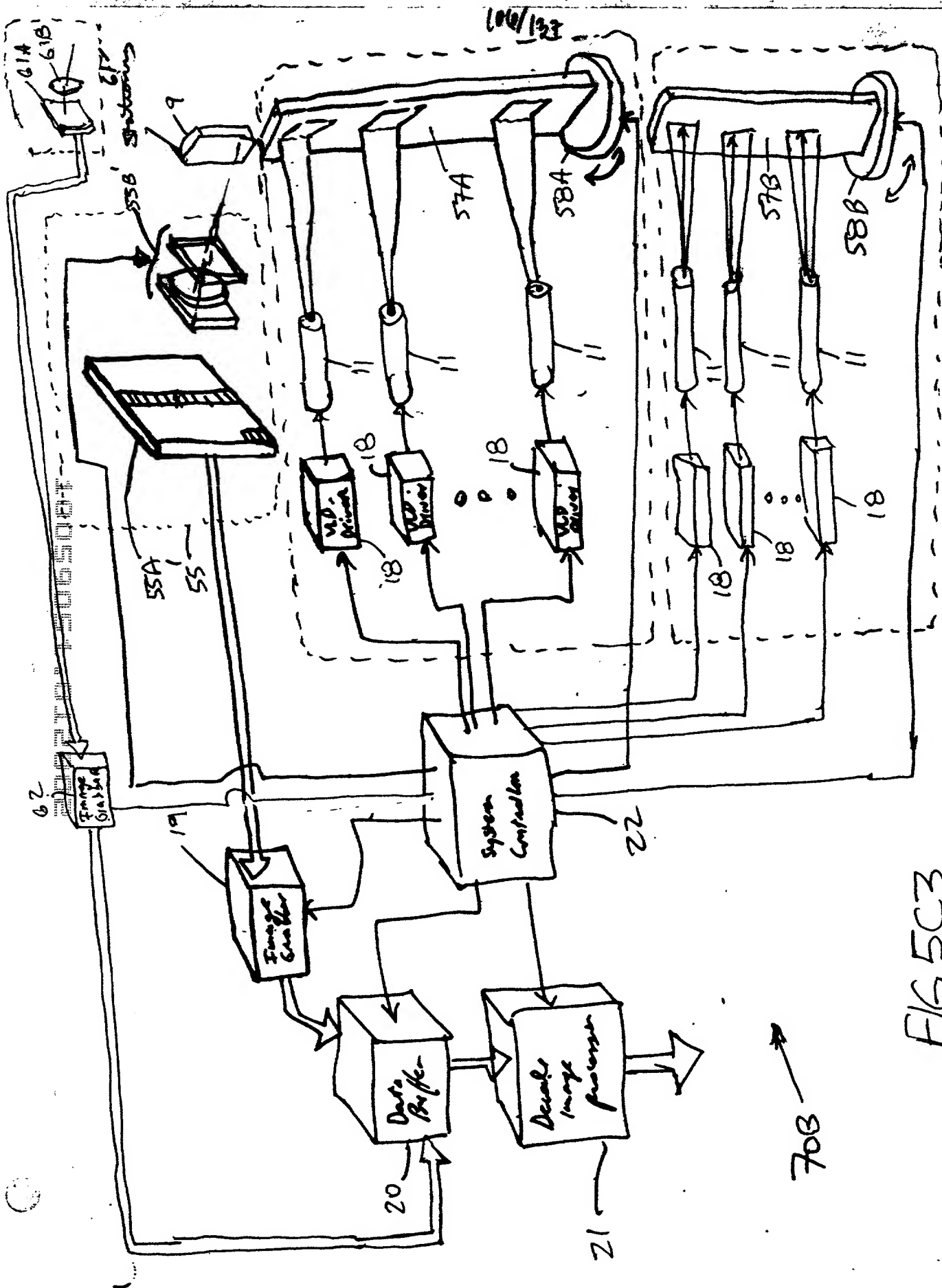


FIG. 5C3

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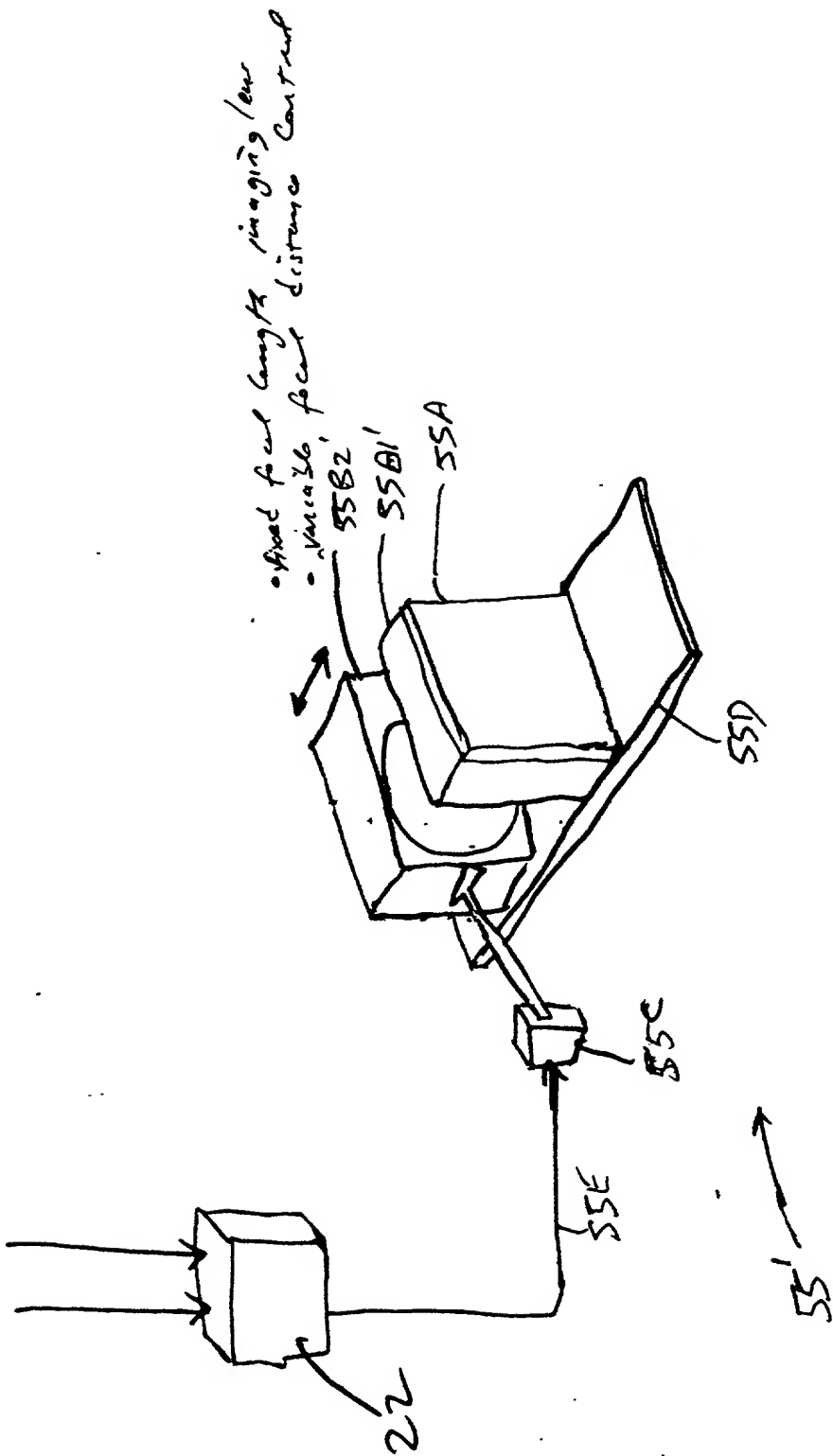


FIG. 5C4

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2022101506500T

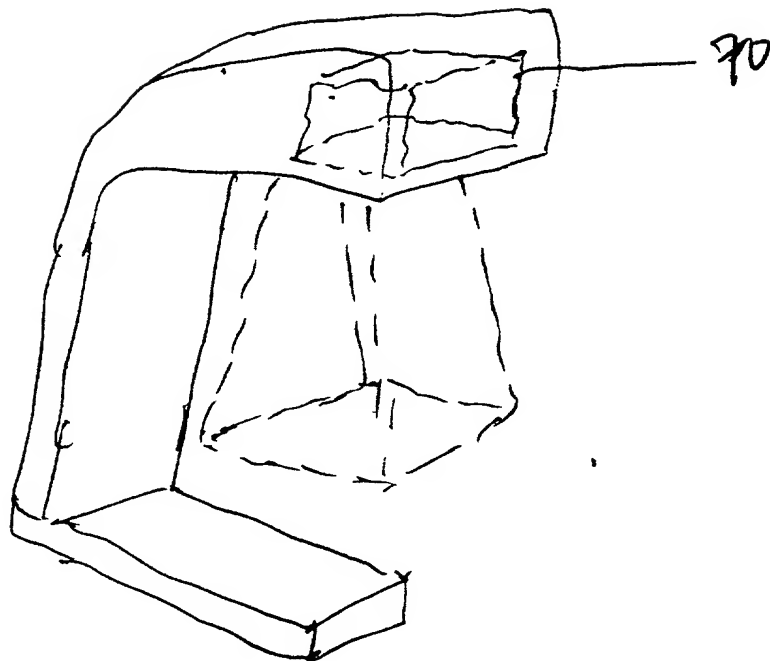


FIG 5D

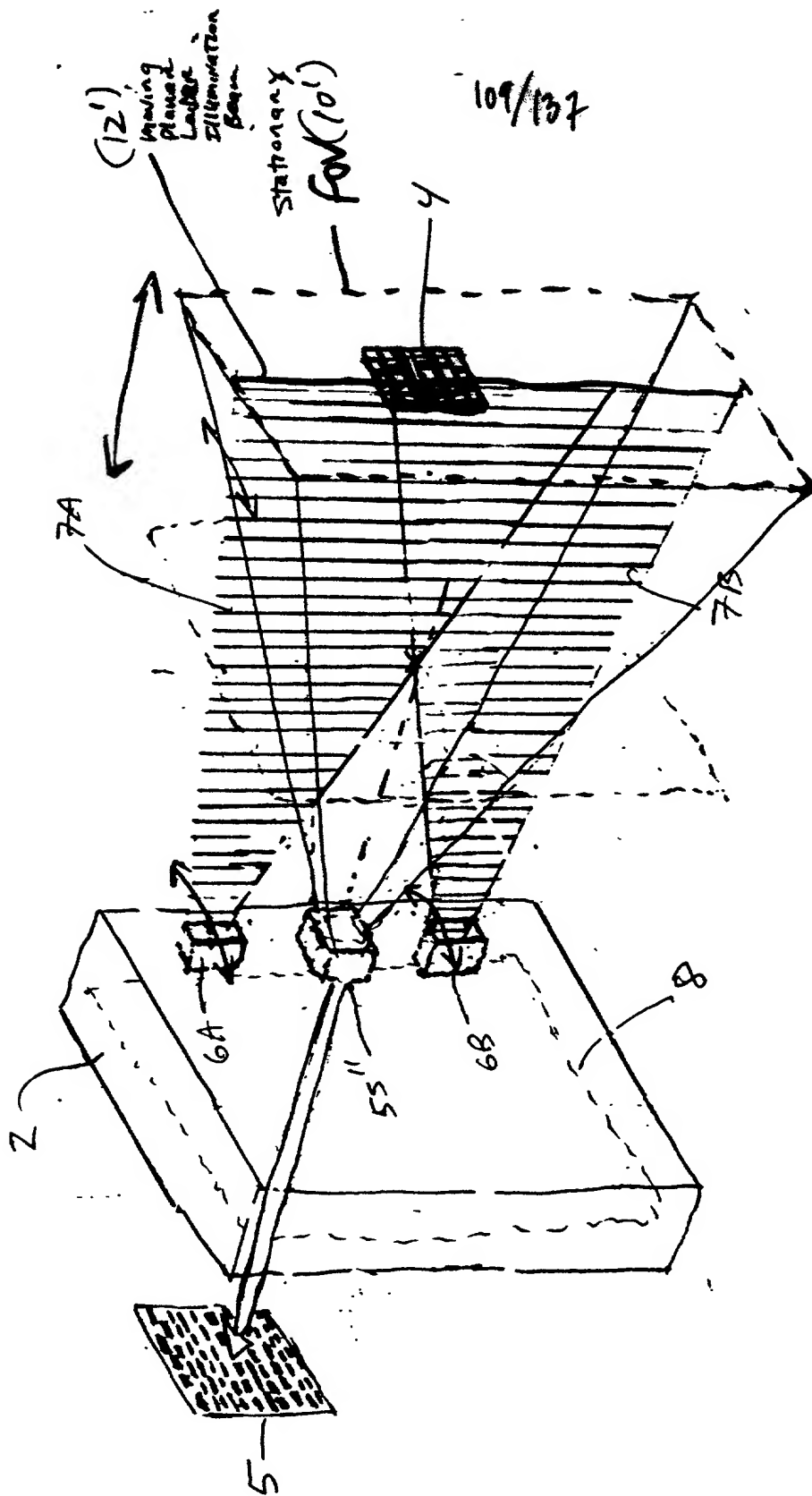


FIG. 6A

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208210 T5065001

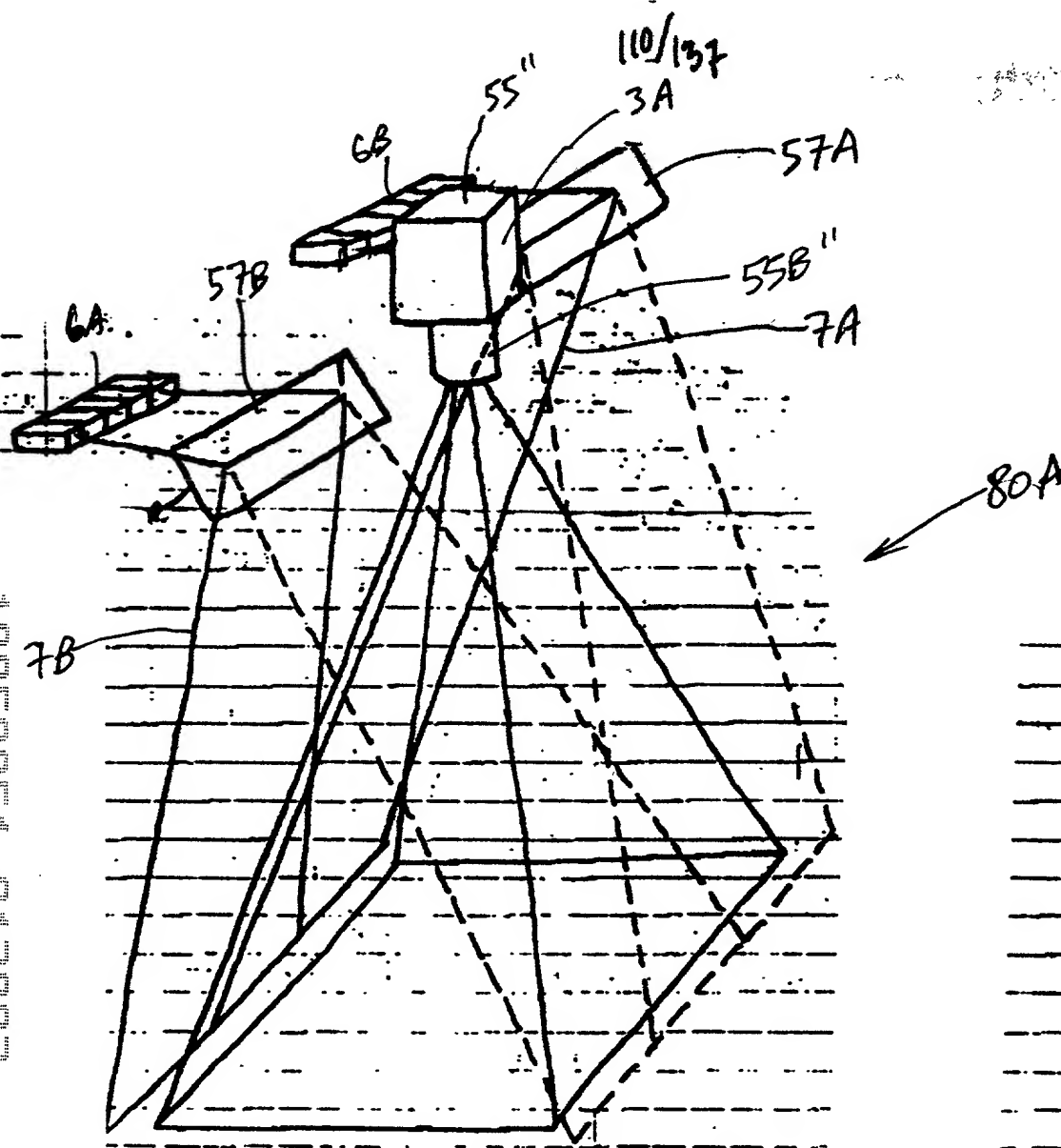


FIG. 6B1



FIG. 6B2

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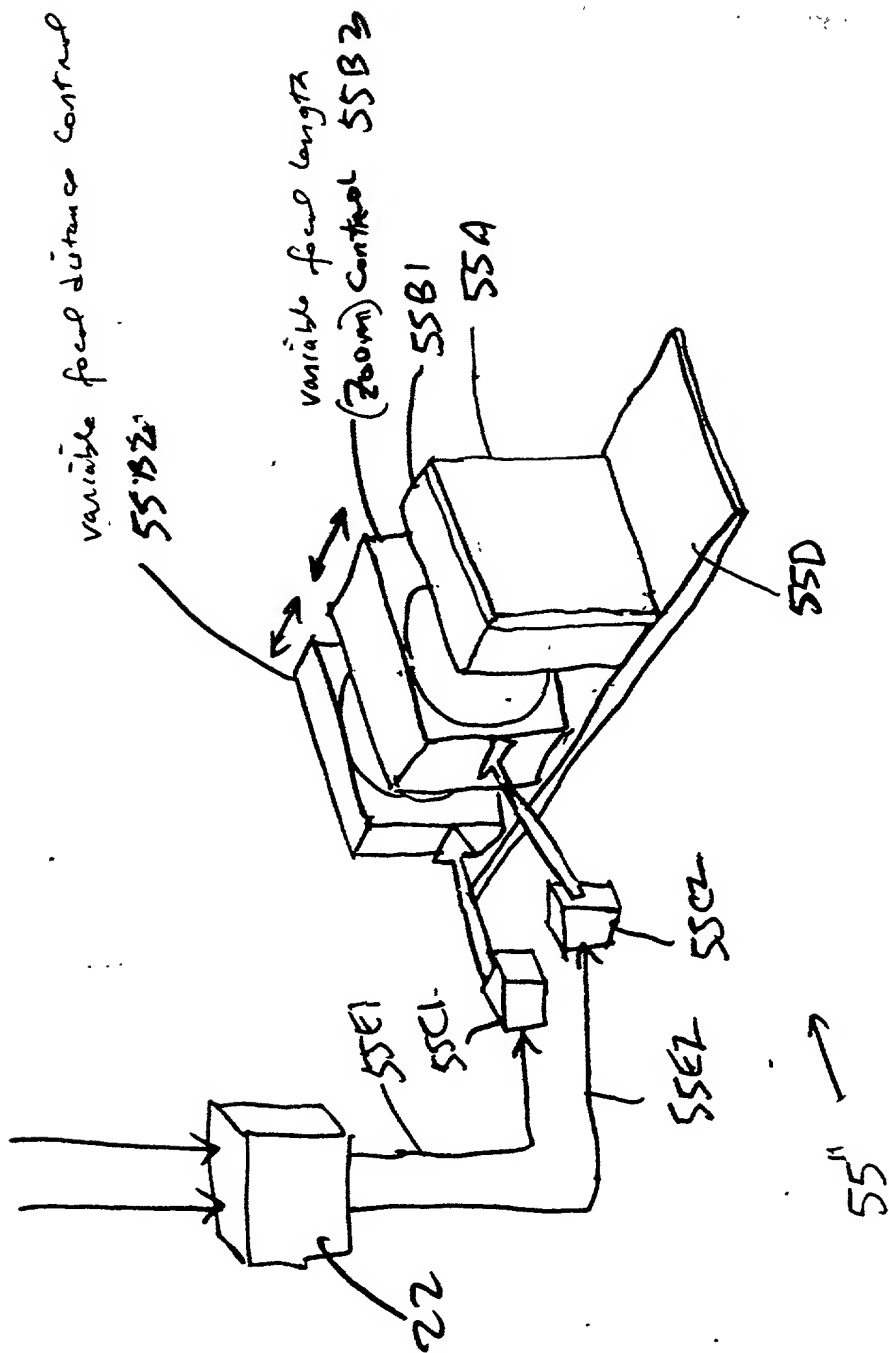


FIG. 6B4

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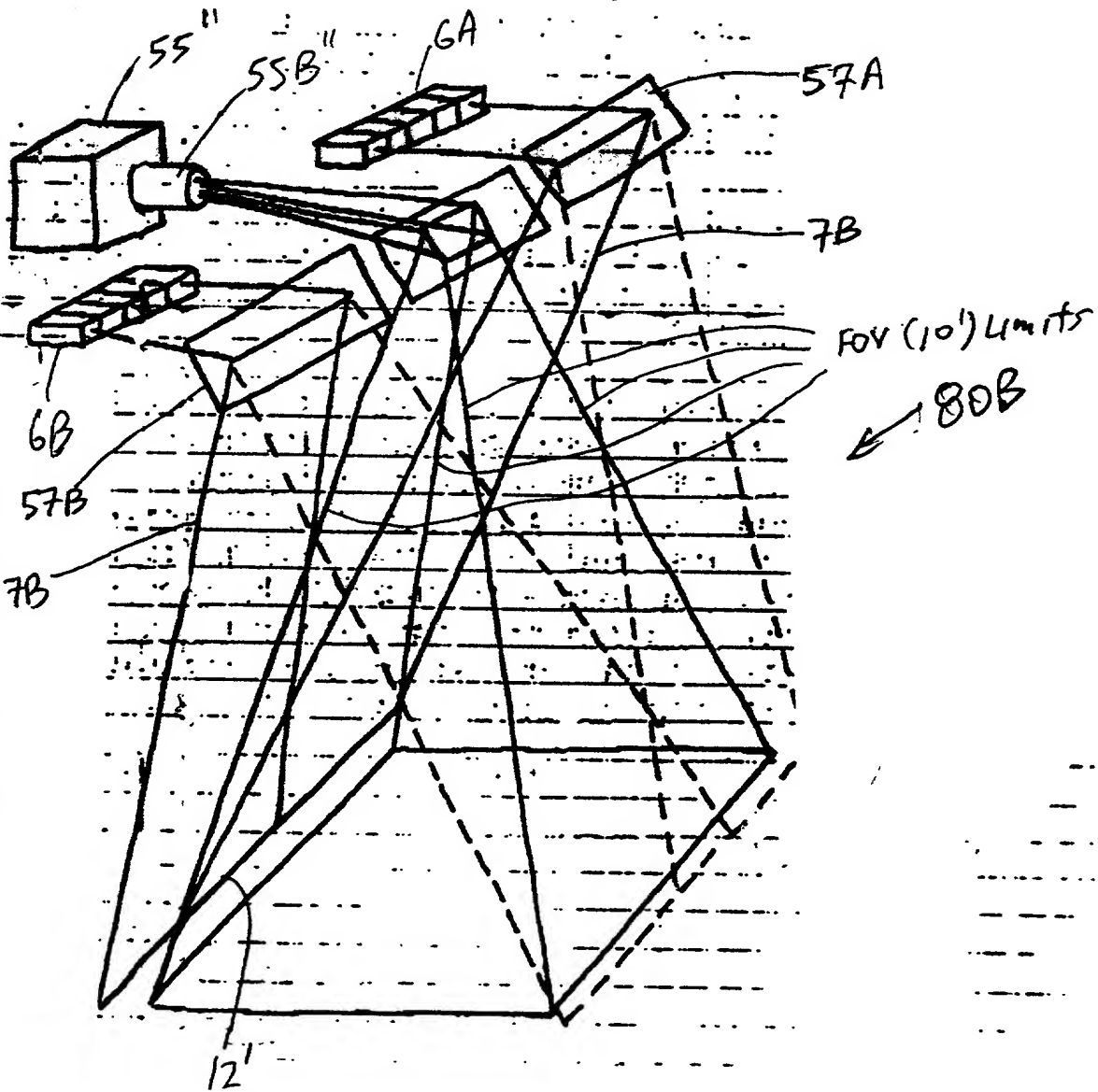
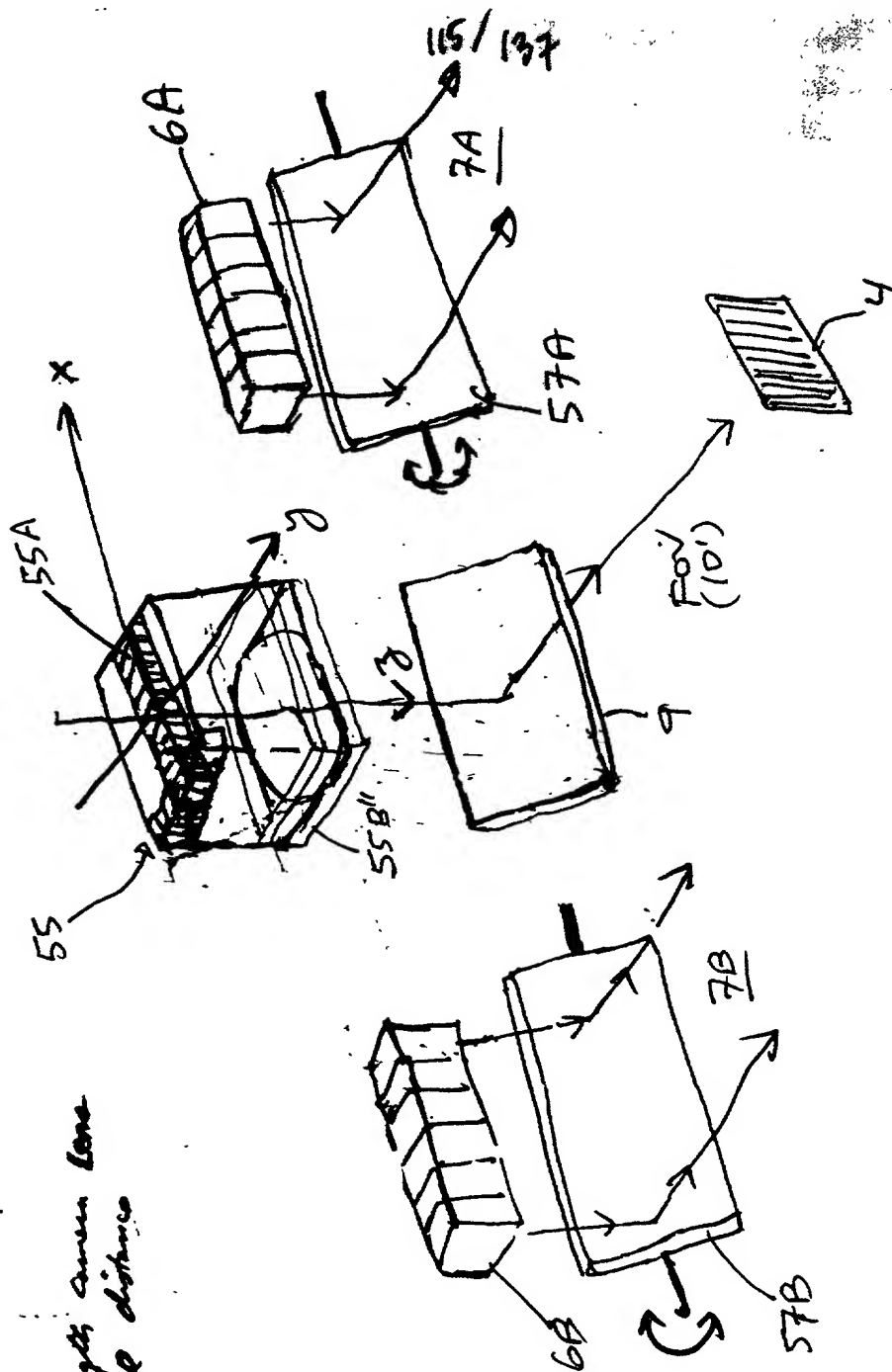


FIG. 6C1

FIG. 6C2



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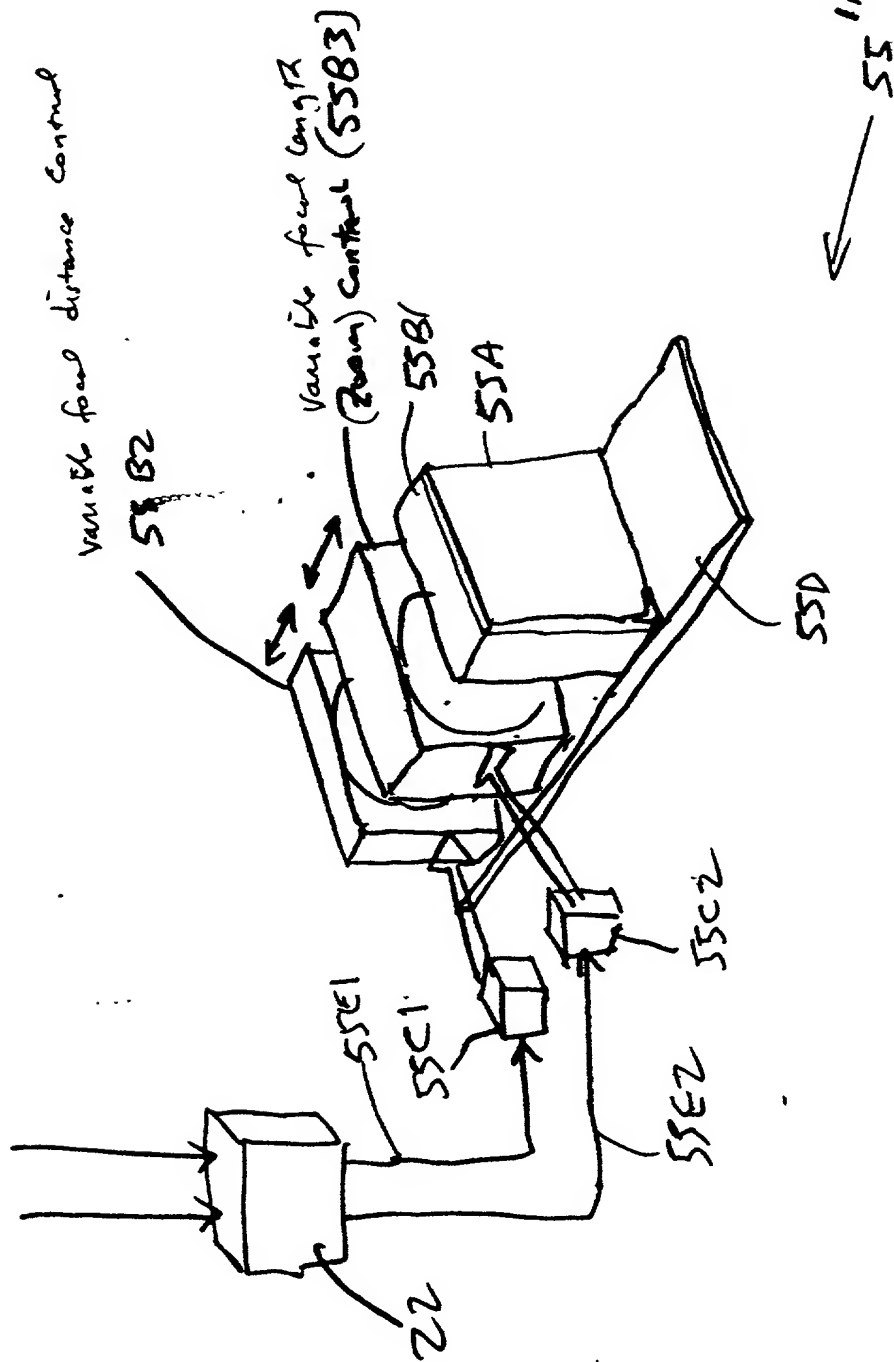


FIG. 6C4

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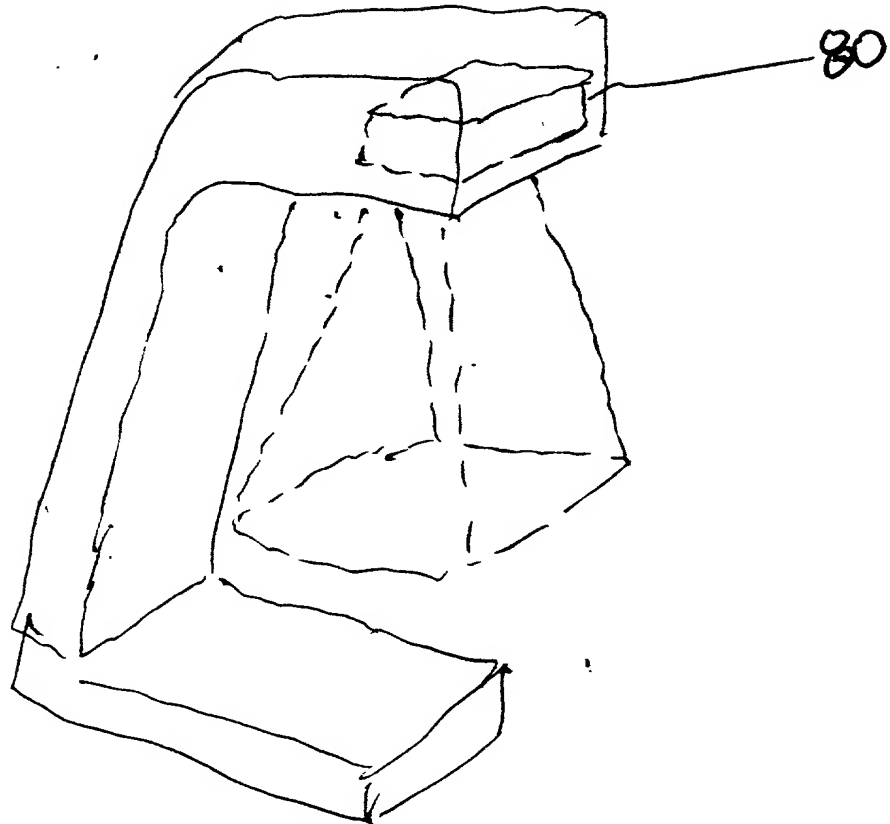


FIG. 6D

10059051.012802

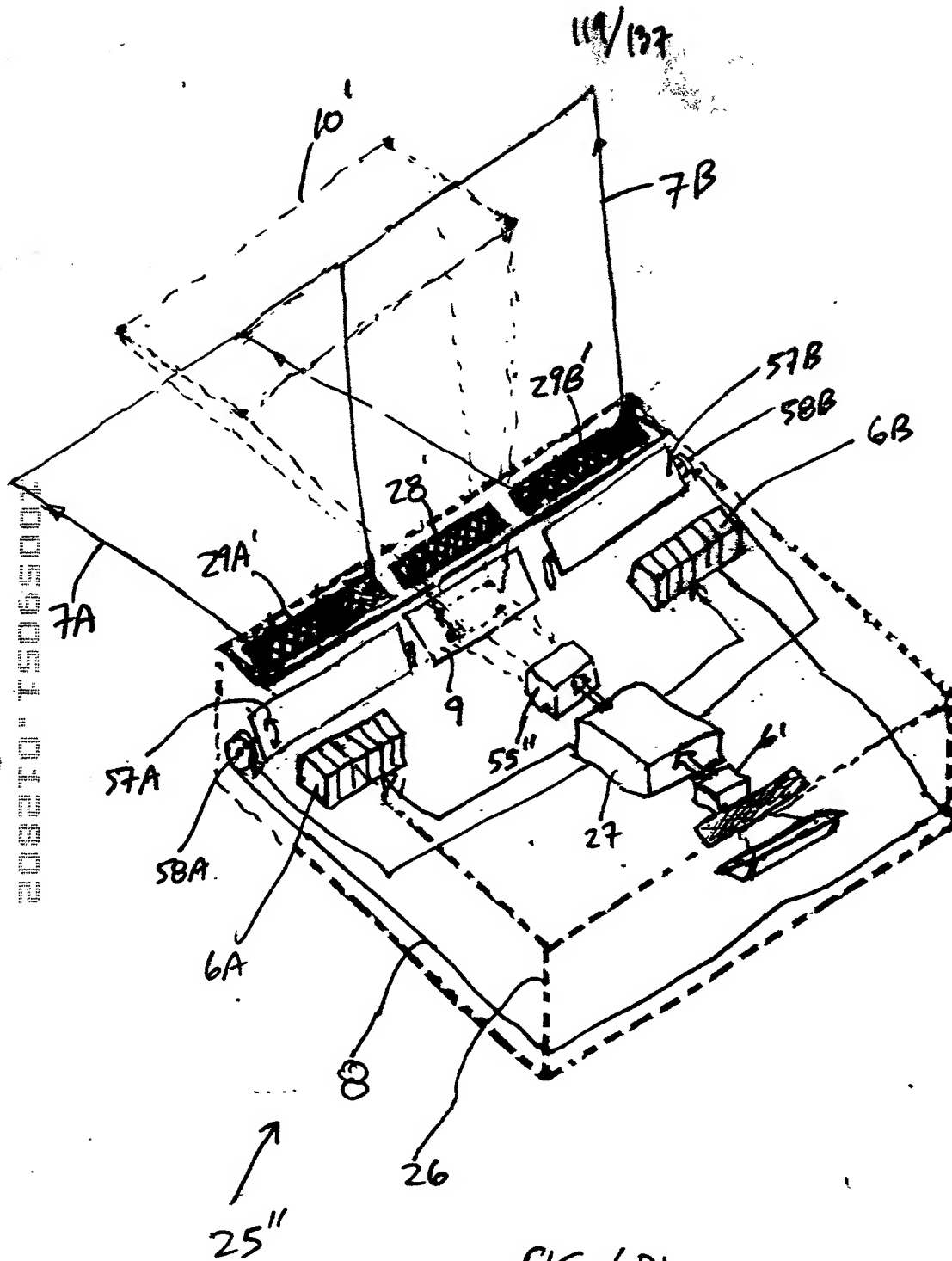


FIG. 6D1

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10059051.012002

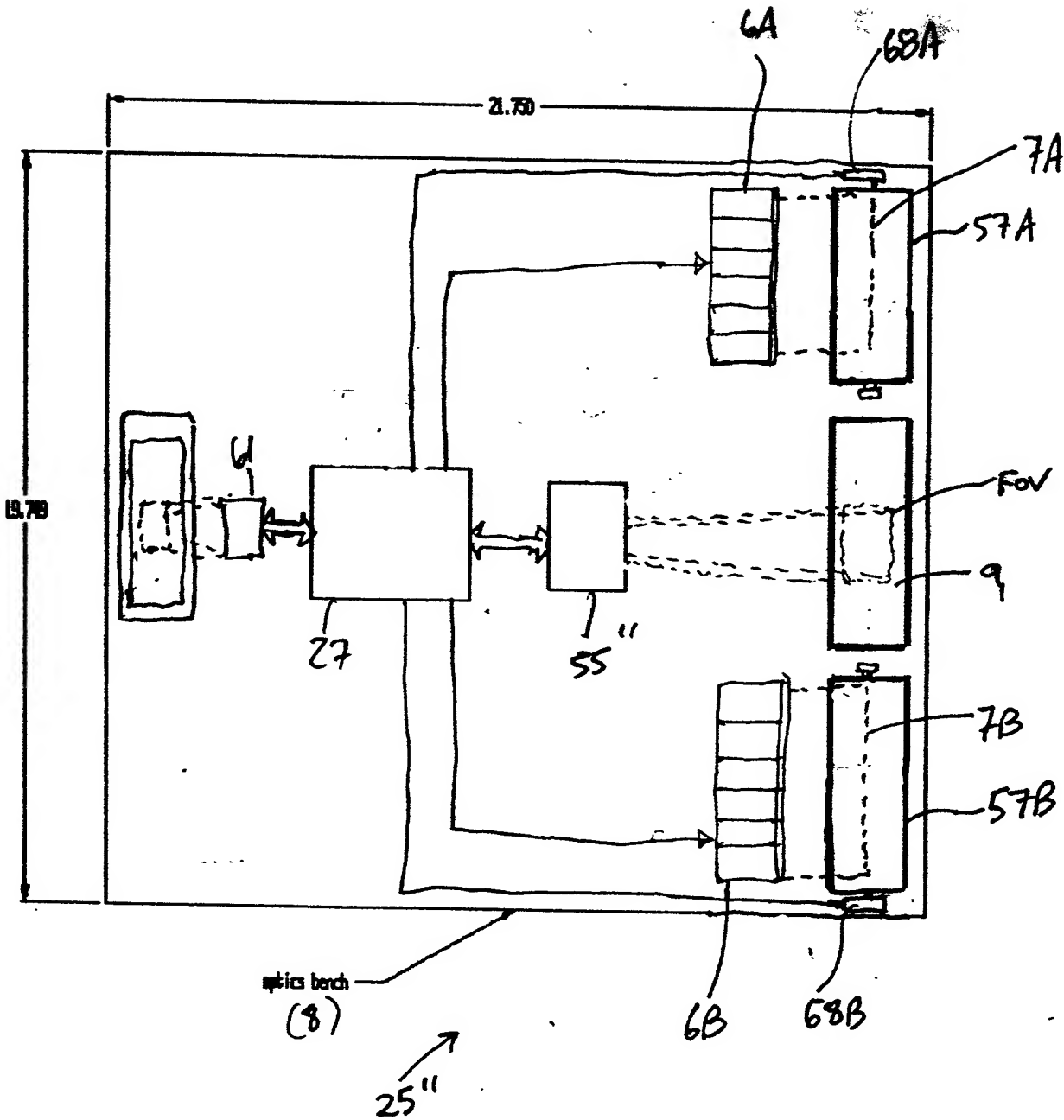


FIG. 6D2

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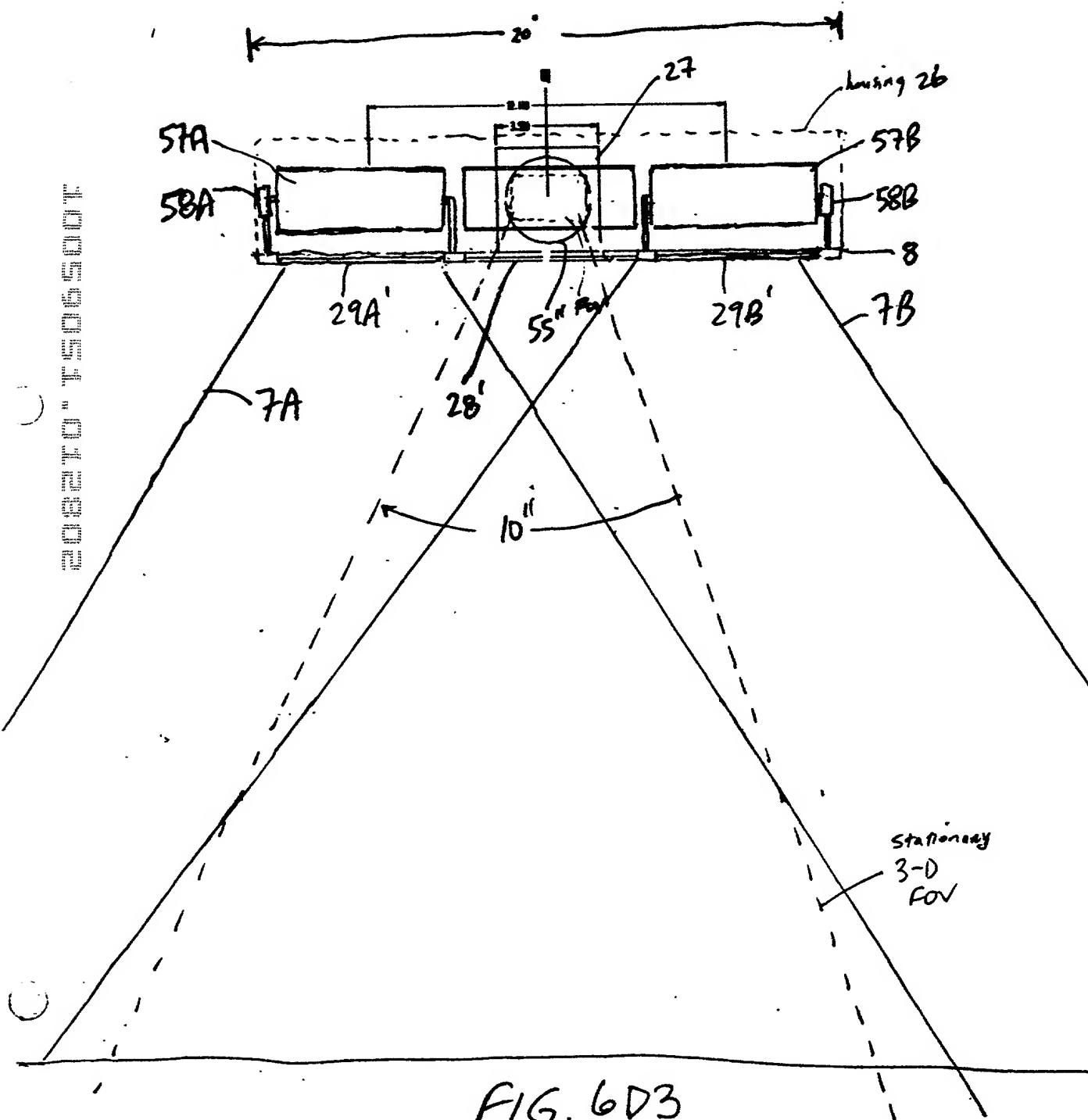


FIG. 6D3

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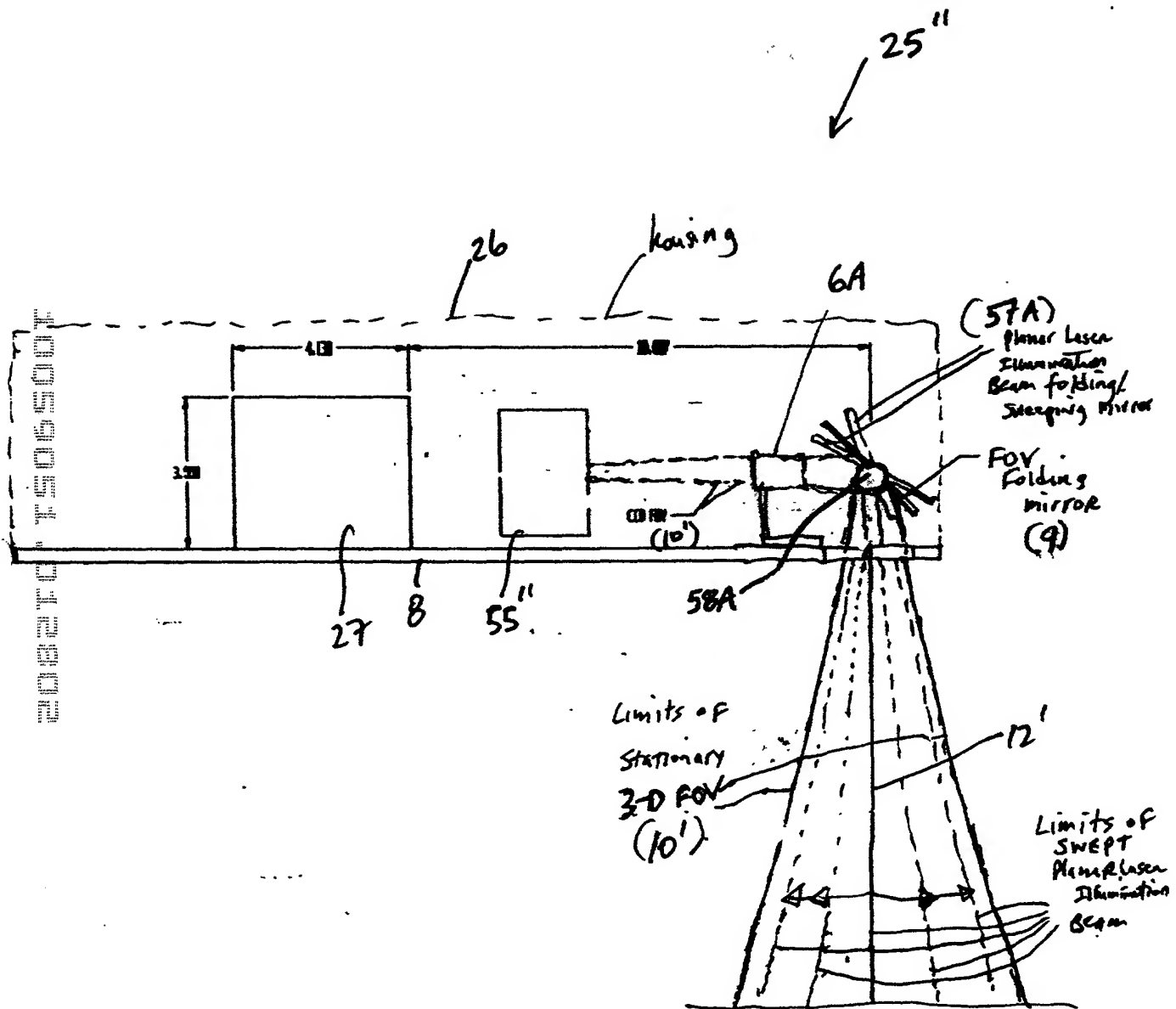


FIG. 6D4

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variable FOV

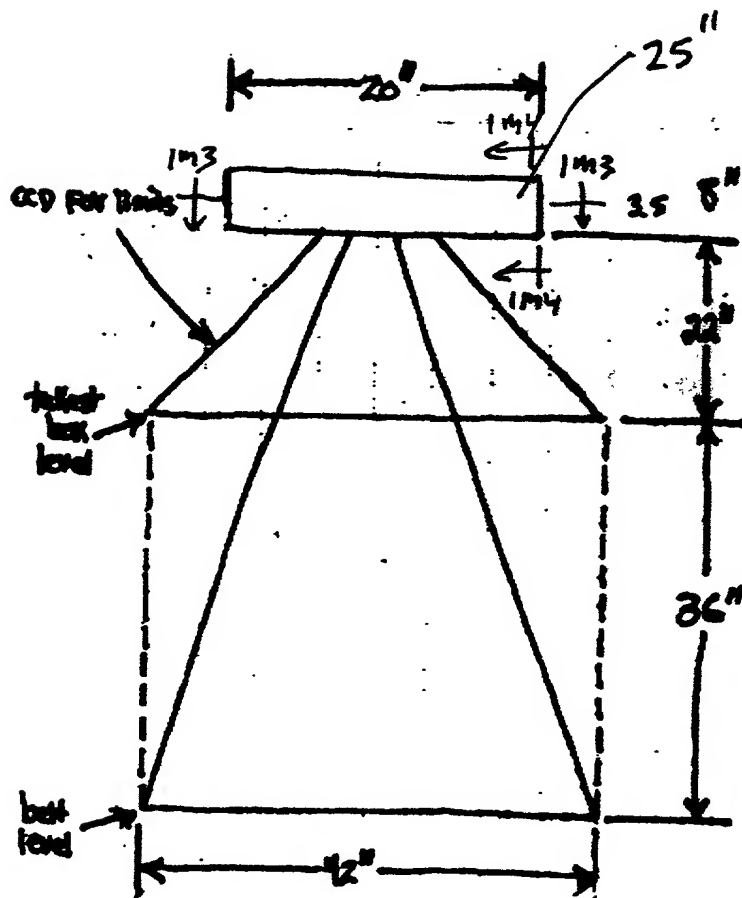


FIG. 6D5

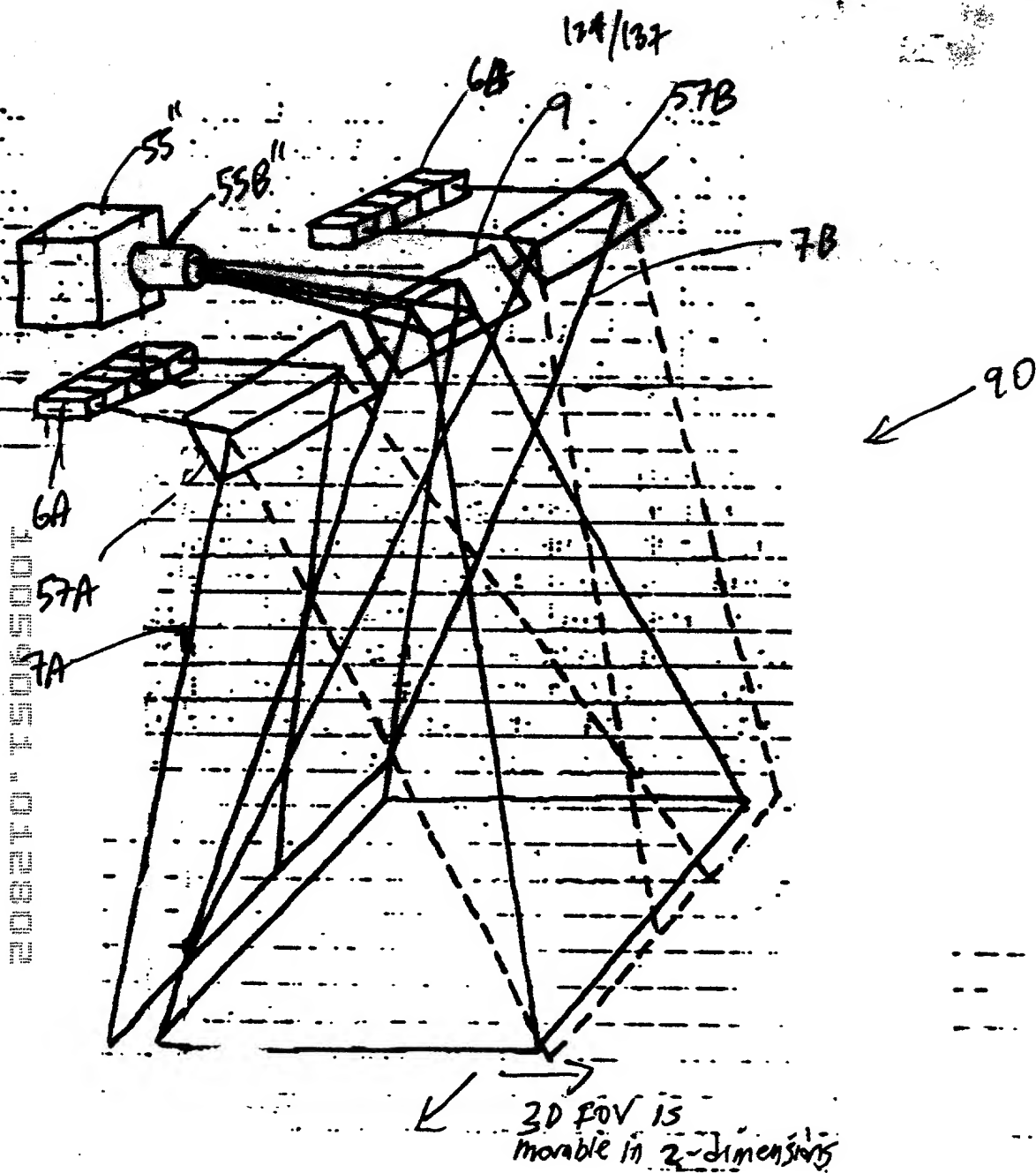
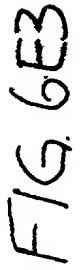


FIG 6E1

FIG. 6E2

FIG. 6f2



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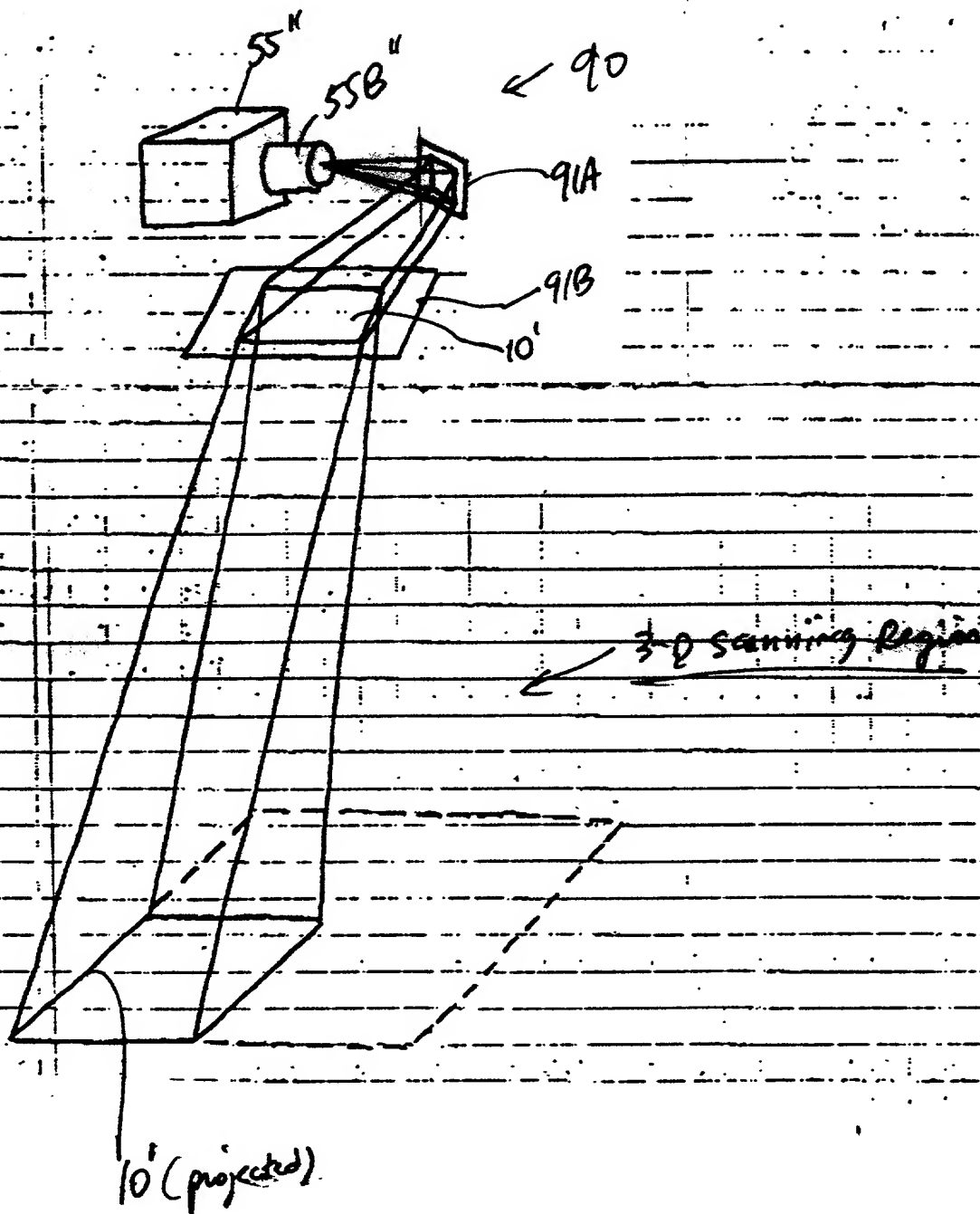
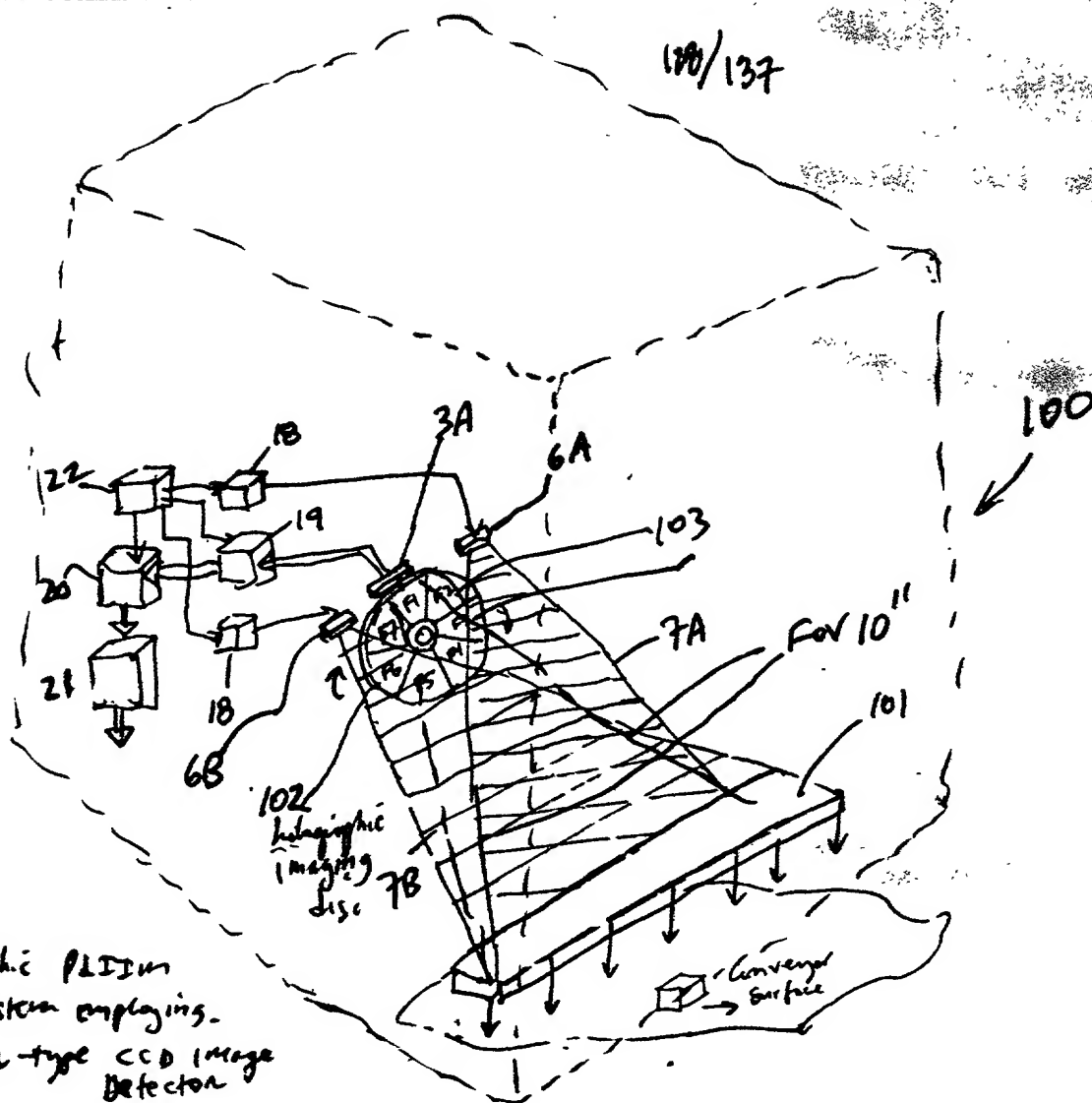


FIG. 6E4

208210 "T506500T



Holographic PLID
System employing
Line-type CCD Image
Detector

FIG. 7A

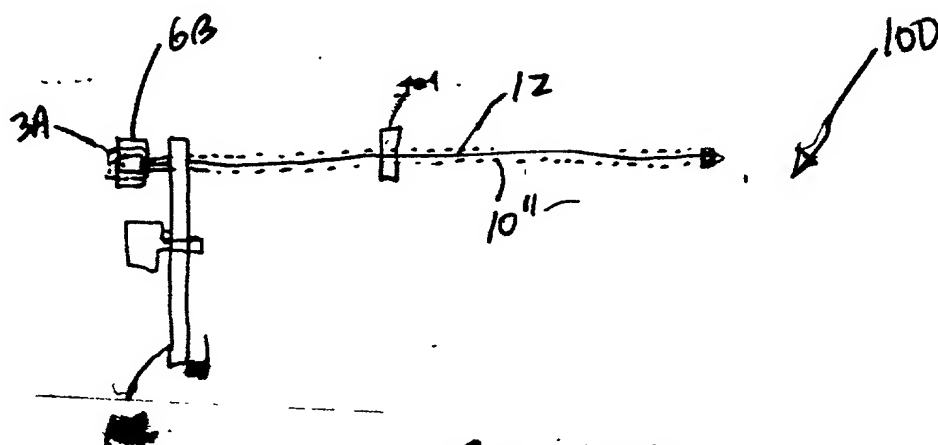


FIG. 7B

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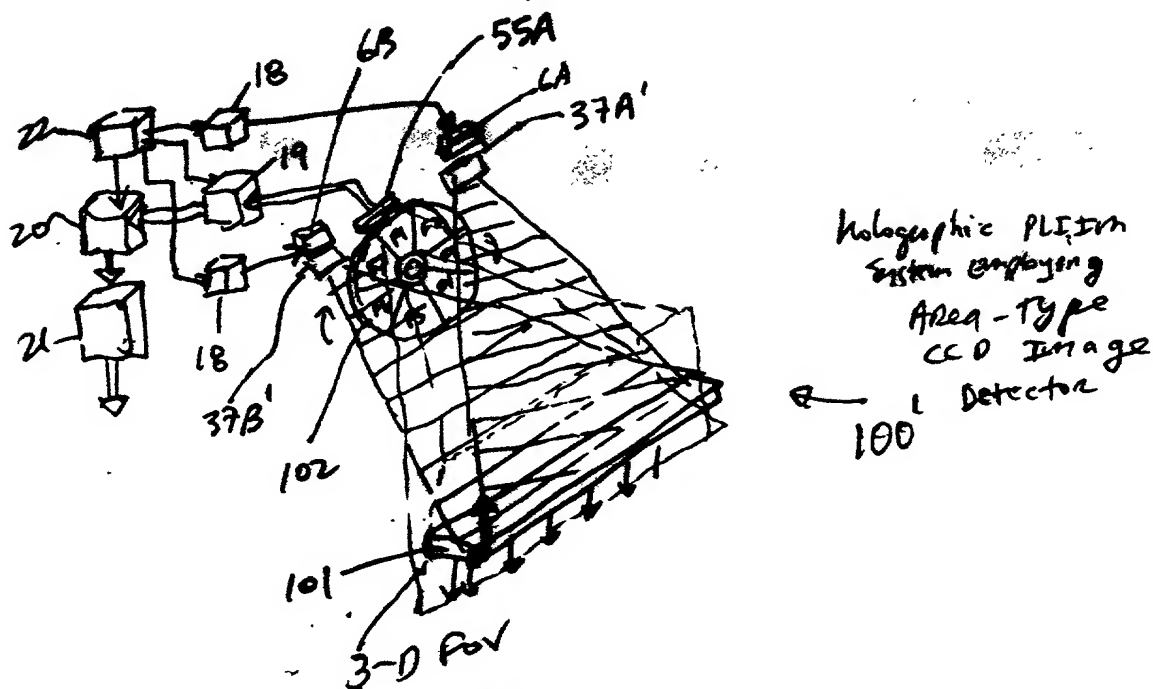


FIG. 8A

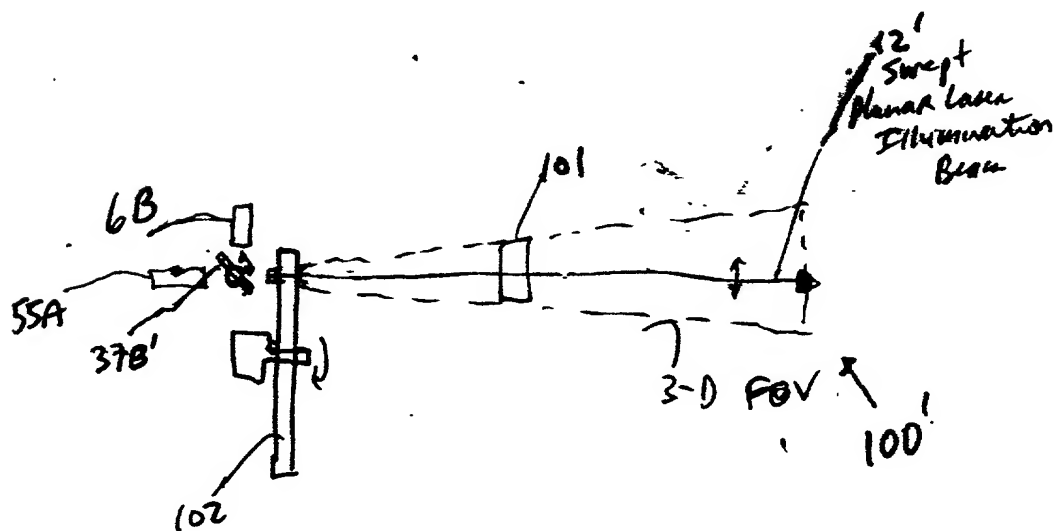


FIG. 8B

202210-T5065001

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RLOCAL 1-D CCD SCANNER EMBODIMENT

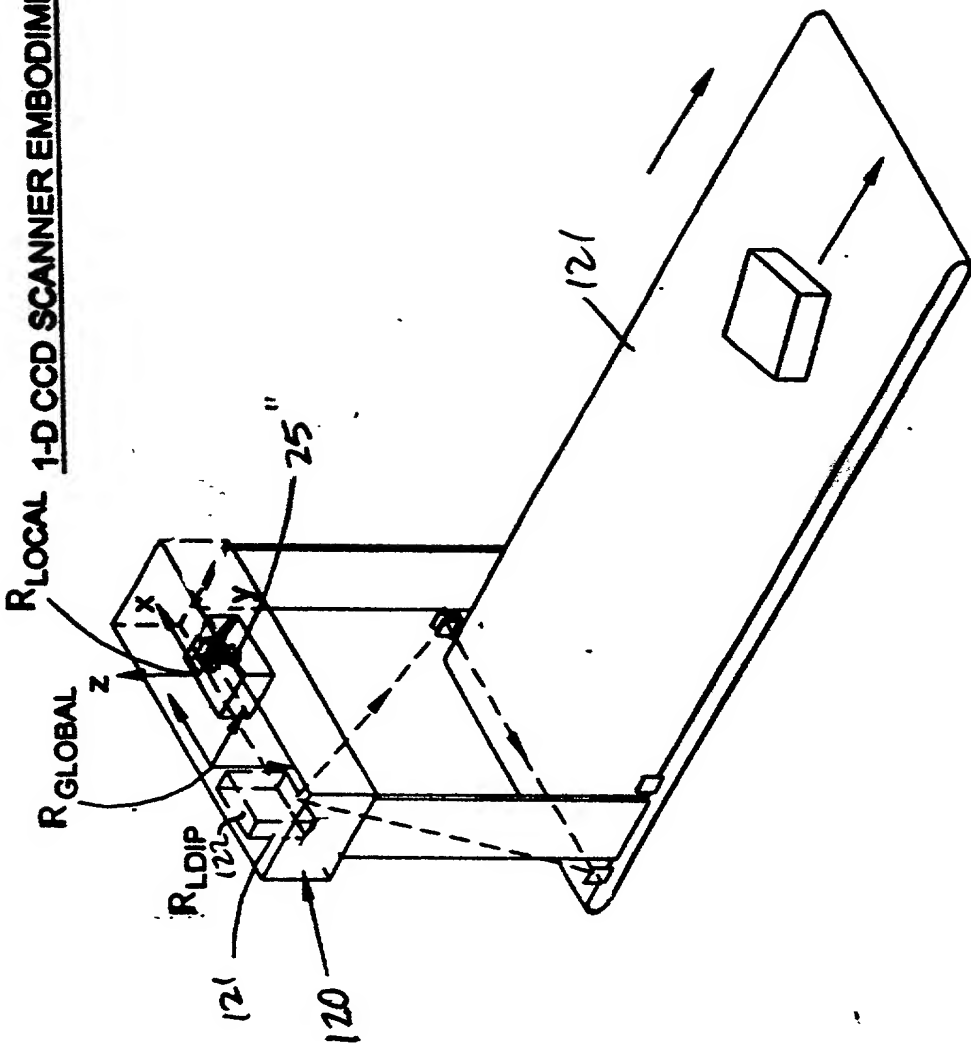


FIG. 9

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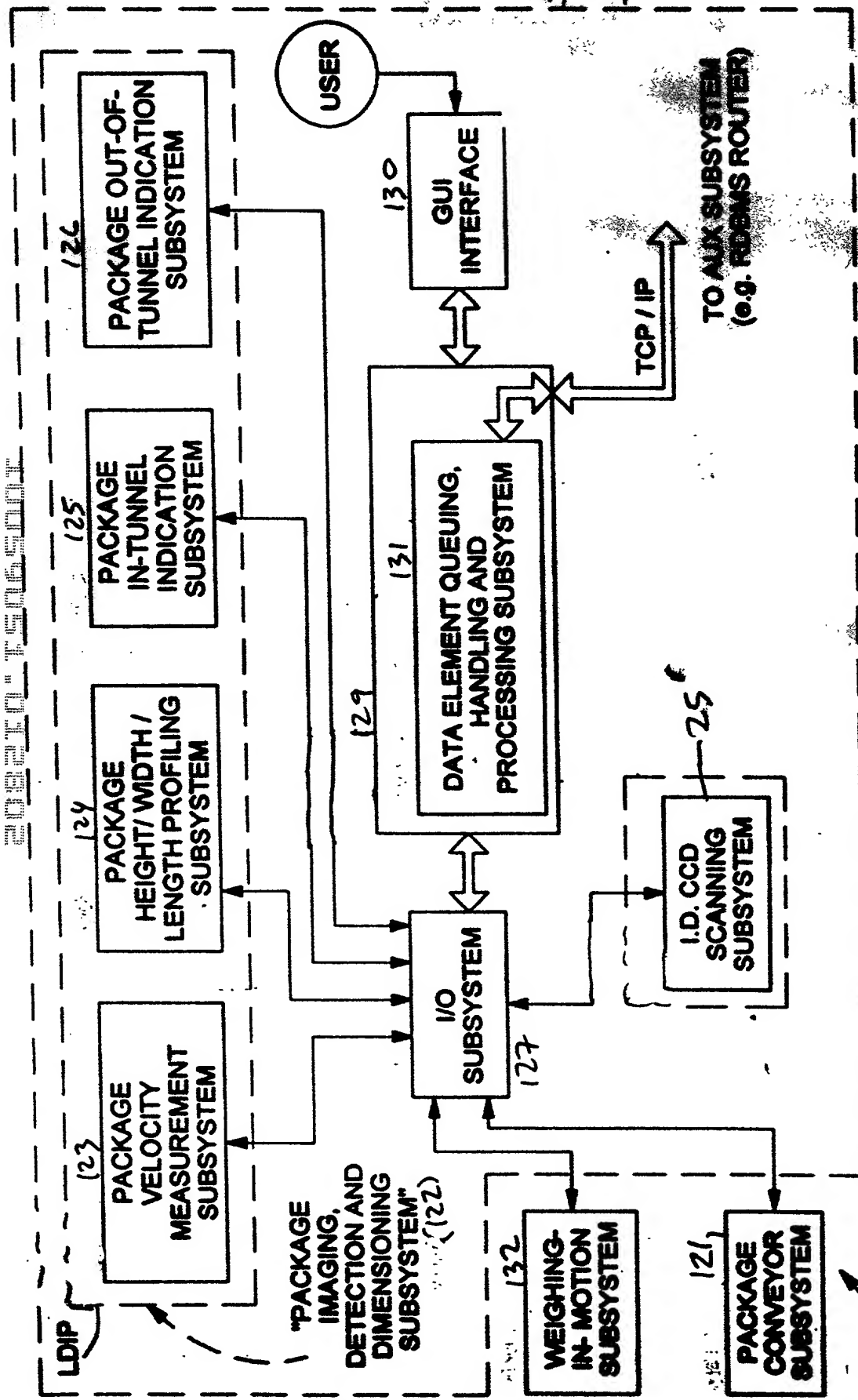


FIG. 10

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20220" T5065001

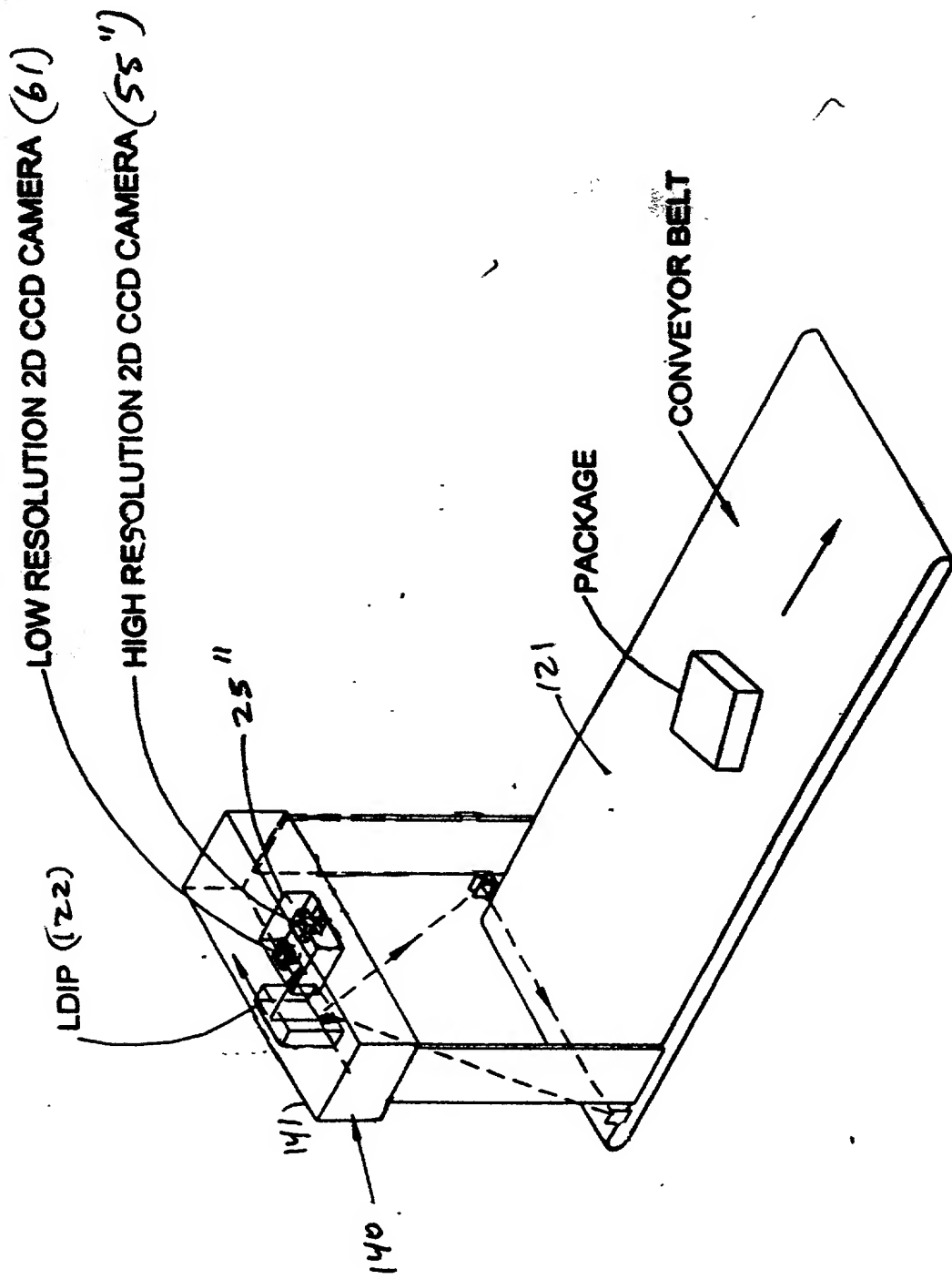


FIG 11

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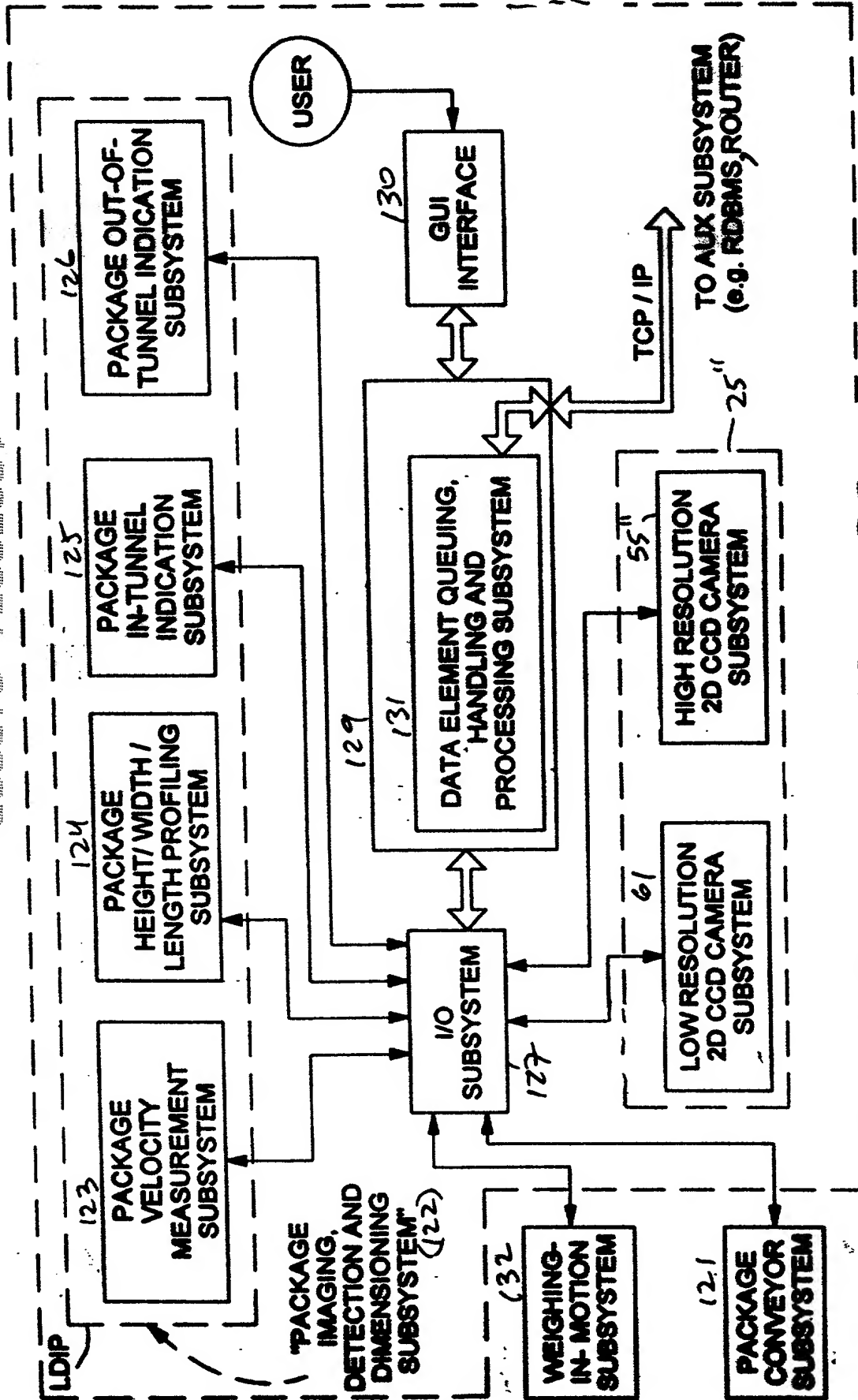


FIG. 12

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[illegible]

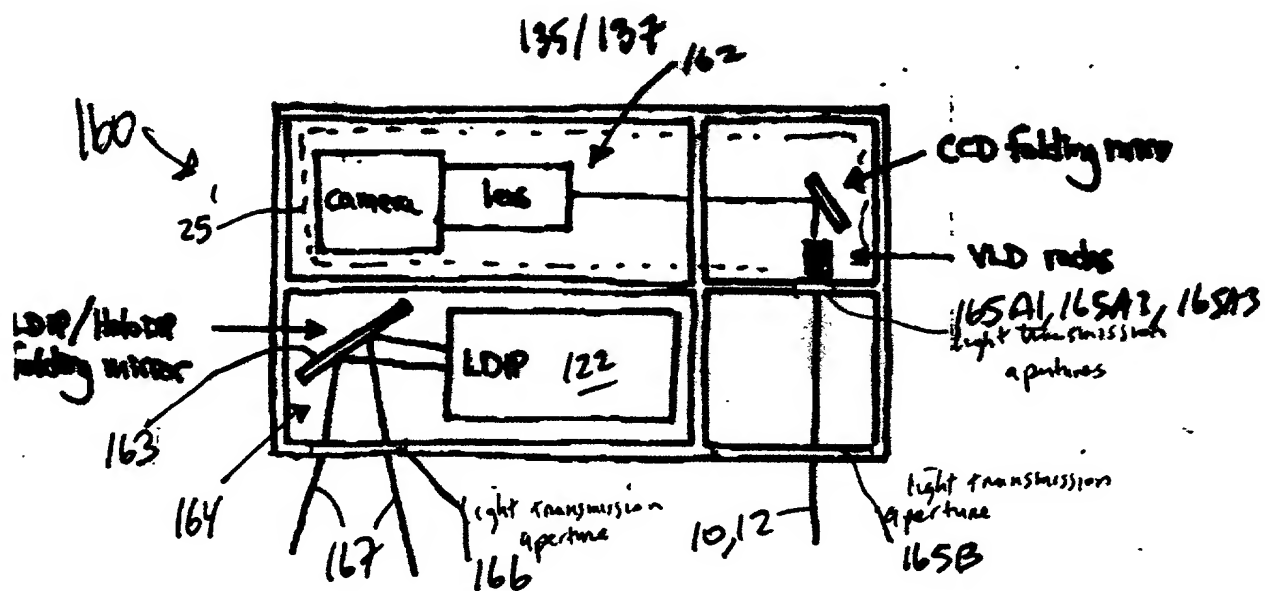


FIG. 14A

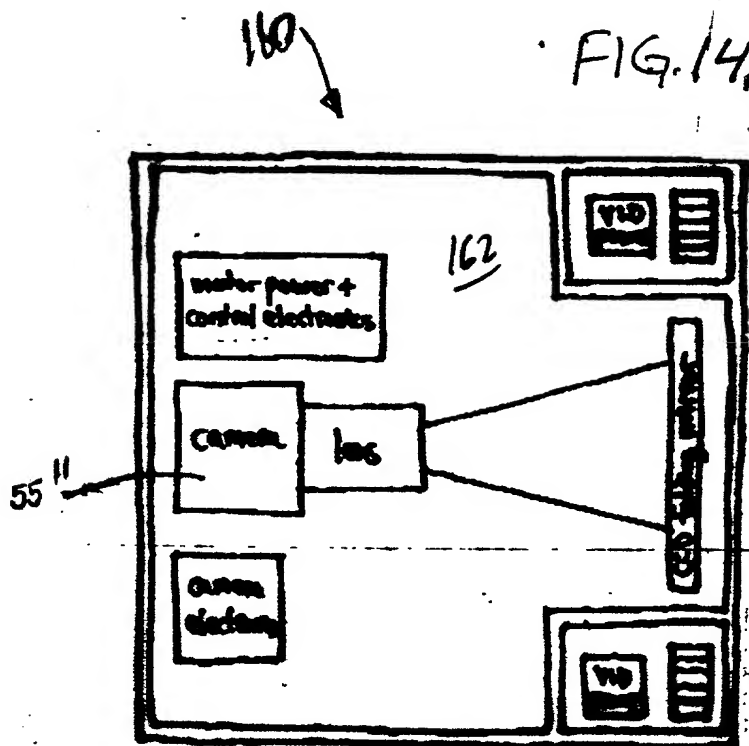


FIG. 14B

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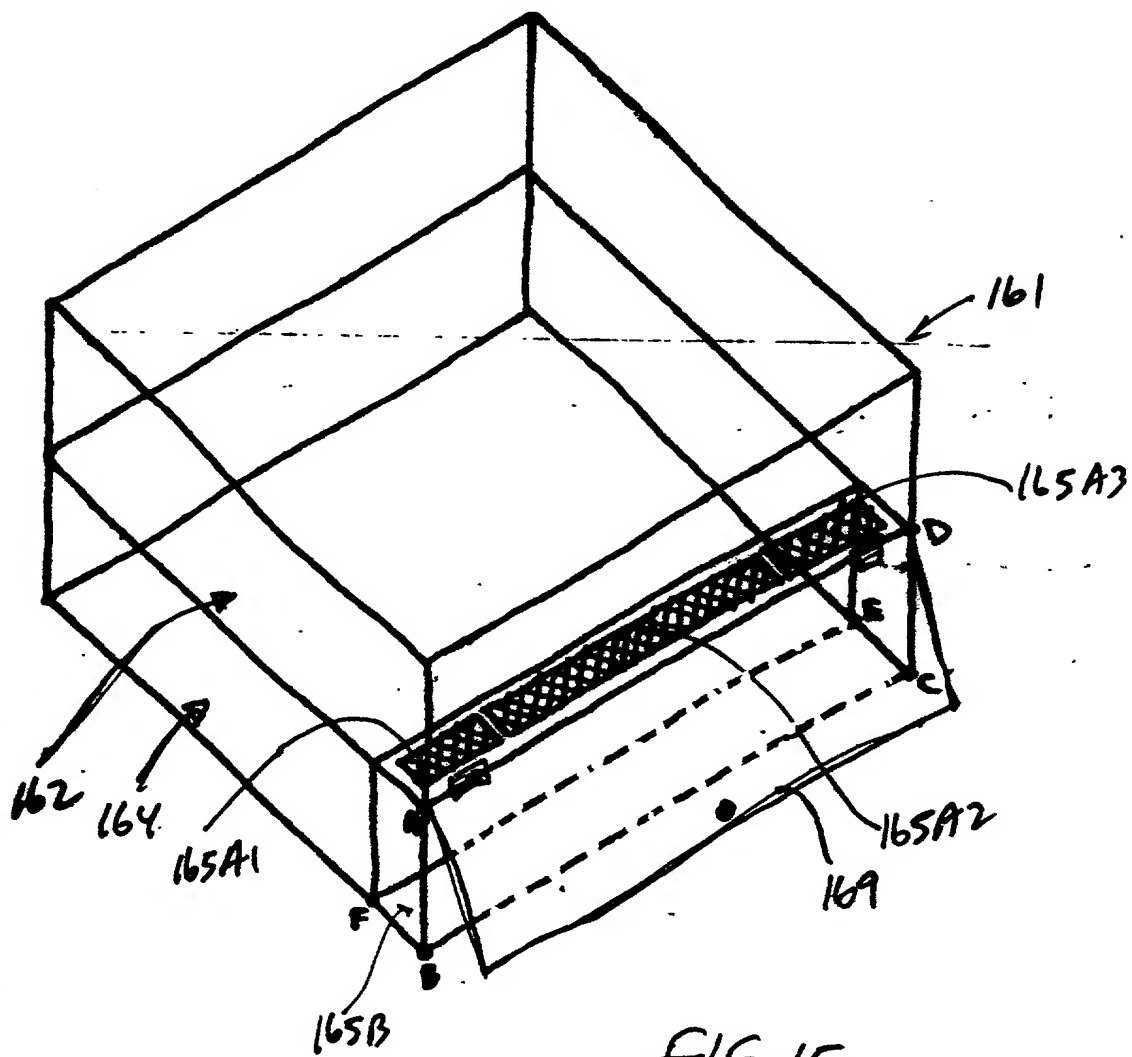


FIG. 15

20220715065007

2032FO"FS06500T

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